Jahnavi D

Java Full Stack developer

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Professional Summary

• **AWS-Certified** Highly proficient Java Full Stack **Developer** with an extensive background of **over 10 years** in the complete software development life cycle. expertise spans across various critical aspects, including comprehensive requirement analysis, application development, meticulous maintenance and unwavering production support.

• Possessing a robust background in software development have demonstrated proficiency in employing diverse methodologies, encompassing **Agile** and **Waterfall models**, while gaining valuable experience collaborating within **Scrum teams.**

• Proficient in designing and developing Java applications using diverse architectural styles, encompassing Monolithic Architecture, Service-Oriented Architecture (**SOA**) and **Microservice** Architecture to meet varying business needs and objectives.

• Extensive expertise in designing and delivering high-quality Web Applications, leveraging cutting-edge Web Technologies such as **HTML5, jQuery, XML, XSD, JSON, Ajax, Bootstrap, CSS/CSS3, JavaScript, Angular JS, Angular 2.0., React JS** and **ES6** to ensure exceptional user experiences and seamless functionality.

• Demonstrated proficiency in Java EE Server-Side technologies, encompassing **Servlets, JSPs, JDBC, JMS, JNDI** and advanced **Server-side frameworks** like **Spring** and **Hibernate** to develop robust and scalable applications, aligning with industry best practices and standards.

• Highly proficient in the core concepts of Java, encompassing Object-Oriented Programming (**OOPs**), Collections, **Threading, Generics, Exception handling, Thread pools, Execution services, File IO** and **Serialization.**

• Demonstrated expertise in the Spring framework, with a focus on key modules including **Spring Core, Spring IOC (Inversion of Control), Spring Boot, Spring Batch, Spring Mongo, Spring JDBC, Spring Integration, Spring Context,** and **Spring AOP** (Aspect-Oriented Programming).

• Expertise in Service-Oriented Architecture (**SOA**) and web services, adept at implementing solutions using **SOAP** and **RESTful** protocols. Proficient in leveraging Apache Axis2 and JAX-RS reference implementation, Jersey, to design and develop high-performing web services in Java. Capable of architecting robust and scalable solutions to meet complex business requirements within the **SOA** framework.

• Knowledgeable about implementing **OAuth** 2.0 authentication to securely access and manage user data through **Google APIs**.

• Extensive experience in cloud computing with a strong focus on **AWS**, proficient in working with services like **EC2, S3, RDS, VPC, Elastic Beanstalk, CloudWatch, CloudFront, CloudFormation, IAM, ElastiCache, SNS, SQS** and **AMI. GCP App Engine, Compute, Engine, Cloud Storage** and **Pub/Sub** and **Azure App Service, Azure Functions, Blob Storage** and **Azure SQL Database** to ensure scalable, secure, and cost-effective solutions.

•Experience in utilizing **Ant** and **Maven** for efficient build automation and project management, and proficient in setting up Jenkins to establish **CI/CD pipelines** streamlining the development and deployment processes for Java applications.

• Utilizing advanced development tools and frameworks to enhance code efficiency and maintainability, such as **IntelliJ IDEA, Eclipse** and **NetBeans.**

• Proficient in working with **Apache Kafka, JMS** and **RabbitMQ** leveraging these messaging technologies to build robust and scalable distributed systems, ensuring efficient data exchange and communication in Java applications.

• Demonstrated capability in preparing production artifacts and executing pre and post-deployment production activities with meticulous attention to detail, ensuring smooth and seamless software releases for optimal operational efficiency.

• Proficient in utilizing advanced performance monitoring tools like **Splunk** and **AppDynamics** to analyze and optimize Java applications for enhanced performance and reliability.

• Proficiently managed and administered popular RDMS databases like **Oracle, MySQL Server** and **Postgres** utilizing **PL/SQL** scripts and stored procedures. Additionally, demonstrated expertise in **NOSQL databases** including **MongoDB, DynamoDB** and **Cassandra** and adeptly configured and managed **DNS** systems on **AWS** cloud using Route53 for optimized data storage and retrieval.

• Proficient in testing applications with the **JUnit** Framework, utilizing advanced testing libraries like **Mockito** and Easy Mock, along with Spring JUnit Runner, to ensure comprehensive and effective test coverage for robust and reliable software solutions.

• Familiarity with **Golang's** simplicity and powerful standard library, enabling rapid development and easy maintenance.

• Offered proficient support and administration for web servers and applications, including **Apache, Tomcat, JBoss, WebLogic** and **WebSphere** in a **UNIX** environment, ensuring smooth and reliable operation to meet business needs.

• Extensive proficiency in utilizing code versioning tools, including **SVN, CVS** and **GI**T for effective code management and collaboration in software development projects.

• Proficient in identifying and resolving **bugs** through proficient server-side debugging, remote debugging and client-side debugging techniques, ensuring smooth and error-free software performance.

Skills

Operating Systems: Windows, Red Hat Linux, Unix, Mac OSx.

Programming Languages: Java, J2EE, C, C++, C#, Python

Scripting Languages: JavaScript, jQuery, Perl, Python, Scala, HTML, Ruby, Shell Script, SSH, Bash.

Java/J2EE Technologies: JDK, JVM, JRE, Swing, AWT, Applets, JDBC, Servlets, JSP, Struts, Spring, Spring MVC, Spring Boot, MyBatis/ iBatis, Hibernate, JTS, JTA, Java Mail, Webservices, RMI, JPA.

Web Development: Angular JS, Angular, Node JS, React JS, Bootstrap, Backbone.js, HTML, DHTML, CSS3, Java Script, Typescript, Struts Tag Library, JSON, JSTL.

Web Services: REST, RESTful, SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX RS, JAX-RPC.

Cloud Technologies (IaaS/PaaS/SaaS): Amazon Web Services (AWS), Microsoft Azure, Google Cloud, Rackspace, Pivotal Cloud Foundry.

AWS Services: EC2, ECS, VPC, S3, IAM, CloudFront, Glacier, RDS, Aurora, Security Groups, Autoscaling, SNS, SES, SQS, CloudFormation, EBS, ELB, Lambda, DynamoDB, RedShift, Route 53, CloudWatch.

Frameworks: Spring (MVC, AOP, DAO, ORM, Core), Spring Boot, Hibernate, Struts.

Application/Web Servers: Apache Tomcat, JBoss, Glassfish, NginX, WebSphere, WebLogic, Jetty.

Methodologies/ Design Patterns: Agile, MVC, DAO, Factory pattern, Singleton, Delegation.

Relational Databases: Hive, Oracle, MySQL, PostgreSQL, IBM DB2, SQLite, MariaDB, SQL Server, MSSQL.

NOSQL Databases: MongoDB, Cassandra, DynamoDB, HBase, CouchDB, Redis, Neo4j.

IDEs: Eclipse, IntelliJ IDEA, NetBeans, Android Studio, JDeveloper, Visual studio code.

Build Automation: Gradle, Maven, Ant, Grunt, Gulp.

CI/CD: Jenkins, Electric Commander, Bamboo, Hudson, Cruise Control.

Bug Tracking and Logging Tools: JIRA, Bugzilla, Firebug, ALM, HP Quality Centre, Log4J.

Version Controls: Git, GitHub, Subversion (SVN), CVS.

Testing Tools: JUnit, TestNG, Mockito, Power Mock, Easy Mock, SoapUI, Jasmine, Karma, Selenium Web Driver, Cucumber, HP ALM.

Schedulers and Message Queues: spring schedulers, Kafka, RabbitMQ.

Data Virtualization Tools: Splunk.

Education

Bachelor of Technology in Computer Science, India.

Certifications

AWS Certified Developer Associate

Experience

Sr. Java Full Stack Developer | Banking

Mastercard

Feb 2023 – Present | Saint Louis, MO

Description: As a Full Stack Developer, my responsibilities included contributing to the development of Mastercard Online

& Mobile Banking Services, which provide a comprehensive suite of banking and financial services for individuals, businesses, and institutions. This involved overseeing both the front-end and back-end services, from design to maintenance. Furthermore, I took charge of deploying the application to the cloud for seamless access and scalability.

Responsibilities:

- Developed user interface with **HTML5, CSS3, JSON, AJAX, ReactJS** and on server-side Technology with **NodeJS**.
- Experienced in **React** and working with **Redux** architecture.
- Designed modular and reusable React components using **Redux** Architecture and **Material-UI**.
- Worked on **React** Virtual Dom and React views, rendering using components which contains additional components called custom **HTML** tags.
- Implemented various screens for the front end using **React** and used various predefined components from **NPM** (Node Package Manager) and redux library.
- Used **terraform** to write Infrastructure as code and created **Terraform** scripts for EC2 instances, Elastic Load balancers and S3 buckets.
- Worked as a Developer in the team for designing and developing the application using Microsoft advanced technologies **MSFT Visual Studio .Net, C#, ASP.NET3.0, SQL Server, and Microsoft Visual SourceSafe.**
- Involved in the development of real time streaming applications using **PySpark, Apache Flink, Kafka, Hive** on distributed Hadoop Cluster.
- Developed the classes using **C#,** which incorporate N-tier architecture and database connectivity.
- Worked in using **React** components, Forms, Events, Keys, Router, Animations, and Flux concept.
- Responsible for **React** UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
- Extensively used **Spring 5.x** such as Spring IoC for bean management and **Spring AOP** integrated with **Log4j** for exception logging.
- Developed Single page application using **Angular14.**
- Successfully did set up a no authentication **kafka** listener in parallel with Kerberos (SASL) Listener. Also I tested non authenticated user (Anonymous user) in parallel with Kerberos user.
- Created Database on InfluxDB also worked on Interface. created for **Kafka** also checked the measurements on Databases.
- Worked on **Kafka** Backup Index, Log4j appender minimized logs and Pointed ambari server logs to NAS Storage.
- Expert-level **Perl, PHP, Linux, Shell Scripting, Windows, and Virtualization technology.**
- Worked on reading and writing to/from the files by using newly introduced methods in **Java** 11.
- Wrote **Python** scripts for pushing data from DynamoDB to MySQL Database and also created and maintained the Python deployment scripts for Web Sphere web application server.
- The LAMP Stack contains both **Perl** and **PHP** components, and **MySQ**L and **MongoDB.**
- Written automation scripts for creating resources in OpenStack cloud using **Python** and **terraform modules**.
- **Automated OpenStack** and **AWS** deployment using **Cloud Formation, Ansible, Chef** and **Terraform.**
- Defined new validations through **Angular14** for the form fields implemented through **HTML5**.
- Involved in converting Hive/SQL queries into **Spark** transformations using Spark RDDs, Python and Scala.
- Deployed **Spark** Cluster and other services in AWS using console.
- Worked on **Spark** Transformation Process, RDD Operations, Data Frames, Validate Spark Plug-in for Avro Data format
- Speed and performance increased by **Angular14** which turns template into code that highly optimized for today's **JavaScript** Machines.
- Configured **Spring 5.x** to manage URL mapping with controllers for the communication between front end and middle-tier.
- Worked on **Angular14** directives, Controllers, Filters, Services, Templets, Events, and Injectors.
- Designed and implemented by configuring Topics in new **Kafka** cluster in all environment.
- Successfully secured the **Kafka** cluster with Kerberos.
- Implemented **Kafka** Security Features using SSL and without Kerberos. Further with more grain-fines Security I set up Kerberos to have users and groups this will enable more advanced security features.

- Utilized AWS ECR as docker image repository and used **AWS ECS** to deploy docker container to **AWS Fargate** and on EC2.
- Spring web MVC using features like IOC and configuring application context for **spring bean factory**.
- Decorating **angular** UI bootstrap to appear as look and feel creates different features.
- Used standard J2EE design patterns for development **like Controller, Business Delegate, Session Facade, Factory, Service Adapter, DAO, Transfer Objects, and Singleton** etc.
- Used **Bootstrap** front-end framework for faster and easier web development.
- Designed and developed **Spring Boot** adapter applications using **rest** API.
- Developed **RESTful** service interface using Spring Boot to the underlying Agent Services API and Implemented **RESTful** web services.
- Used **Spring Boot 2.x** which removes boilerplate configuration and very fast.
- Developed some standalone **Micro services** using **Spring Boot 2.x** micro service architectural patterns.
- Used **spring Boot 2.x** properties like actuators and health checkers to enhance micro service implementations.
- Created controllers and view pages along with Bootstrap and **HTML5** for dynamic web application.
- Used **Less.js** pre-processor to create importable and reusable style sheets, processed on server-side.
- Designing and developed Micro Services using (MEAN Stack) **Node.js, Mongo DB, Angular** Elastic search on Private Cloud OpenStack Platform using **Express.js**.
- Used **MEAN** stack to create an application using the by writing as little code as possible and taking a high-level view of the key components.
- Build prototype for various required services such as Scheduling, Logging and Notification Service using third party **NodeJS** based **JavaScript** library.
- Responsible for data ingestion into **Bigdata** using **Spark Streaming and Kafka.**
- Worked on a POC to use SAP Smart Data Access for exporting SAP Hana data to **Bigdata Platfor**m using **Apache Spark**.
- Used **Express JS** which is fast, assertive, essential, and moderate web framework of **NodeJS** that helps manage a sever and routes.
- Configuration file and **NodeJS** is used at back end to interact with **MongoDB** using **Mongoose** connector.
- I design and develop Common Foundation Classes (CFC) using Java, JMS, Abstract Factory Pattern, and Java **Cryptography Extension (JCE).**
- Worked with **NoSQL** database **MongoDB** and worked with it to perform many different operations.
- Worked with **NoSQL** database **MongoDB** and developed custom **MongoDB** applications specific to clients' needs.
- Used **JSON** response modulation in rest services using Jax-RS to make it more generic for our team to consume the services.
- Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
- Developed **MDBs** for receiving and processing data from **Rabbit MQ** series.
- Skilled in leveraging **API Gateway** features such as caching, throttling, and logging to optimize API performance and monitor usage.
- Extensive knowledge of integrating **API Gateway** with other AWS services like **Lambda functions, DynamoDB, and S3** for building serverless architectures.
- Familiarity with infrastructure code testing frameworks and methodologies to validate the correctness and reliability of **IaC deployments**.
- Proficient in integrating IaC workflows with **CI/CD** pipelines to enable continuous integration and deployment of infrastructure changes.
- Demonstrated ability to secure APIs using **AWS Identity** and **Access Management** (IAM), API keys, OAuth, or custom authorization mechanisms
- Configured **AWS EC2 instances, S3 Buckets** and Cloud Formation Services based on the business requirements for different applications.
- integration and deployment **(CI/CD) workflows.**

- Experience in deploying and managing containerized applications on **AWS ROSA**, leveraging the power of Kubernetes and **Red Hat OpenShift.**
- Proficient in setting up **ROSA** clusters, including cluster provisioning, scaling, and high availability configurations.
- Strong understanding of Kubernetes concepts and features, such as pods, deployments, services, and ingress controllers, for managing containerized workloads on **ROSA.**
- Expertise in designing, deploying, and managing highly available and scalable relational database solutions using **AWS RDS.**
- Proficient in configuring and optimizing RDS instances for various database engines such as **MySQL, PostgreSQL, Oracle, and SQL Server.**
- Performs UNIT testing with **JASMINE** and **KARMA** and develops web services using **RESTFUL API**.
- Used **Selenium** Web Driver to run test cases in multiple browsers and Platforms.
- Smoke Test and Acceptance Testing with Selenium in multiple Java11 platforms.
- Done unit testing using **Junit**.
- Used **Swagger** UI to consume third party restful web services.

Environment: HTML, XML, CSS, SASS, JSON, JavaScript, JQuery, Angular14, Bootstrap, Spring Boot, Node JS, Eclipse, RESTFUL Webservices, AJAX, ExpressJS, AWS, Restful API, JAX-RS Bootstrap, Gulp, NPM,, GitHub, NoSQL, MongoDB, Jasmine, karma.

Sr. Java Full Stack Developer | Telecom

Verizon
July 2020 – Jan 2023 | Dallas, TX

Responsibilities:

• Participated in the comprehensive process of requirement gathering, system design, analysis, and code development, adhering to **Agile** methodology principles and practices.
• Designed and implemented the application utilizing Spring features, including **Spring MVC, ORM, Spring Boot** and **Spring Security** for robust application access and authorization. Employed Spring Integration and **Spring AOP** to address crosscutting concerns effectively.
• Developed scalable and efficient applications using **Golang**, a statically-typed and concurrent programming language, to complement Java expertise in delivering robust software solutions.
• Architected and developed scalable, **RESTful** and **Microservices**-based services to cater to mobile backend requirements. Utilized Java with Spring Boot to ensure simplicity and scalability in the backend implementation.
• Designed and implemented responsive UI pages using **HTML5, CSS3, JavaScript, React JS** and **jQuery**, with integration of Bootstrap to ensure optimal user experience on various devices and implemented **React JS** lifecycle methods, utilizing the latest ES6 features with Babel and Webpack to enhance code efficiency and maintainability.
• Developed **React JS** pages with Web services and **AJAX** calls, utilizing React JS to bind data from a database through controller services to the view using scope. Implemented various front-end screens with React JS and utilized predefined components from **NPM** and **Redux libraries.**
• Effectively leveraged Advanced **Java 1.8 features**, including Lambda expressions for enhanced functionality processing and **Stream API** to enable seamless pipeline processing and element elimination based on specified criteria.
• Developed interactive UI with one-way data flow, **virtual DOM, JSX, React Native components, forms, React Router** and **Redux** architecture. Utilized React Bootstrap to create responsive web designs, including grids, layouts, and components. Implemented Single Page Applications (**SPAs**) using React Router.
• Utilized Spring Boot with Java classes for configuration, Spring **Boot Actuator for property externalization** and **Spring Batch** for automatic data processing. Implemented **Spring MVC** with **IOC** design pattern to establish component relationships and separate configuration from application code.
• Implemented a **Microservice** architecture using Spring Boot, facilitating interactions through **REST APIs** and **Apache Kafka** message brokers. Developed centralized Spring Restful Web Services for seamless **JSON** data exchange in a trusted client-server environment for Enterprise and web applications.

• Leveraged **Hibernate** for configuration, mappings, and annotation extensions, enabling seamless mappings and relationships between tables and entity classes in the database. Utilized Hibernate concepts extensively, including inheritance, lazy loading, dirty checking, locking, and transactions.

• Leveraged AWS Cloud platform and its features, including **AMI, SNS, RDS, EBS, CloudWatch, CloudTrail, CloudFormation, Autoscaling, CloudFront, S3** and **Route53** for migrating an existing application to **AWS**. Utilized **EC2** servers, **S3** storage, **RDS** instances, cloud watch, CloudFront, and Pivotal Cloud Foundry (**PCF**) on **EC2** to manage containers and promote code across multiple environments.

• Designing and implementing message-driven architectures: Developing solutions that leverage **JMS** to enable asynchronous communication between distributed components and systems.

• Developed custom Docker container images and executed tasks related to **Docker** tagging and pushing these images to designated servers.

• Designed and reviewed the test scenarios and scripts for given functional requirements and automated test cases in Selenium.

• Worked on **NoSQL** database **MongoDB**& Perform **CRUD** operations like Update, Insert & Delete.

• Utilized the asynchronous, event-driven nature of **Node.js** to optimize the application's performance and responsiveness.

• Designed, developed, and performed **JUnit** testing and integration of application components.

• Implemented **ELK** stack for log search, routing, and visualization.

• Maintained enterprise virtualization environment (**SaaS/PaaS**) including troubleshooting, performance, capacity, and continuity planning.

• Developed unit tests using **Karma** and **Jasmine** and followed strict patterns for unit test cases with Jasmine.

• Utilized **Python** Libraries like **Pandas, NumPy, Seaborn, SciPy, Matplotlib,** and **Scikit-Learn** in Python for developing various machine learning algorithms.

• Evaluated various tracking metrics in **ML models,** including **Accuracy, Recall, F1-Score,** and **Precision.**

• Performed Exploratory Data Analysis and Descriptive Data Analysis in **Python** using **Pandas, Matplotlib, Seaborn, SciPy, NumPy, Azure Data Explorer,** and **Stats Models.**

• Developed statistical models for **regression, classification, clustering,** and **time series analysis** and conducted hypothesis testing with tests like **ANOVA, t-test,** and **f-test using python.**

• Implemented design patterns such as Session Façade, Business Delegate, Adaptor, Bean Factory, and Singleton in the application.

• Deployed the application in **Apache Tomcat Server**.

• Utilized **Git** as the version control system and **JIRA** as the defect management tool to streamline collaborative software development and efficiently manage issue tracking and resolution.

• Employed **Maven** as the build automation tool, **Log4J** for robust logging capabilities, and Slick for efficient database query and storage operations, ensuring a streamlined and reliable development and deployment process.

Environment: **Java** 1.7, 1.8, J2EE, Spring 4.x, CXF, XFire, SOAP, JAX-WS, AWS, Oracle11g, PL/SQL, Postman, JMS, JBoss, JUnit, Power Mockito, Node.js, MongoDB, Mockito, JIRA, UML, Maven, HTML, Jenkins, JMeter, Jasmine, Karma.

Java Full Stack Developer | eCommerce

Meijer
Nov 2017 – Jun 2020|Cambridge, MA

Responsibilities:

• Contributed across all phases of the Software Development Life Cycle (**SDLC**) and Software Testing Life Cycle (**STLC**), encompassing requirements gathering, specifications, design, development, testing, deployment, and application maintenance.

• Utilized Scrum Methodology within an Agile environment to ensure efficient and collaborative project execution.

• Designed and developed the application, leveraging cutting-edge web technologies such as **HTML5, CSS3, React JS, TypeScript, SASS, jQuery** and **AJAX** to ensure an exceptional user experience and seamless functionality.

• Developed dynamic and responsive Single Page Applications (**SPA**) using Angular with features like Components, Directives, Services, two-way data binding, and http with Angular interceptors. Implemented Angular Router and integrated with Bootstrap for reusability, delivering a dynamic Web Application with client-side validations.

• Contributed to the development of component-based applications by writing modules using React as a view engine, leveraging React's powerful capabilities for building dynamic user interfaces efficiently.

• Implemented design patterns like **Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller** and core Java concepts like **Multithreading, Concurrency, Exception Handling, File handling, IO, Generics** and Java **collections.**

• Worked on Service-Oriented Architecture (**SOA**) with a focus on Apache Axis web services, proficient in handling **SOAP, REST** and **WSDL** (Web Service Description Language). Worked in **JAXB, JAX-RPC, JAX-RS** and **JAX-WS**, ensuring seamless and efficient web service development and integration.

• Implemented Object-Relational Mapping (**ORM**) using JPA and Hibernate frameworks. Seamlessly integrated Spring and Hibernate frameworks by utilizing Spring ORM to facilitate communication with the back-end processes, ensuring efficient data persistence and retrieval.

• Effectively designed logical bundles to encapsulate various functions of microservices, utilizing Spring MVC, Spring Cloud, and Spring Boot to facilitate interactions through **REST API,** ensuring a robust and scalable architecture for seamless communication and service distribution.

• Developed Web Services and **RESTful APIs**, employing the Jersey Framework for RESTful APIs and Spring-WS for SOAP web services, with a strong focus on scalability to enhance application performance and ensure seamless communication for optimal user experiences.

• Implemented a resilient and scalable cloud infrastructure on **Microsoft Azure**, utilizing services such as Azure Load Balancer, Traffic Manager, Availability Sets, Virtual Machines, Virtual Networks, Storage, and Azure App Service including Web Apps, API Apps, and Logic Apps.

• Developed and implemented **RabbitMQ**-based messaging solutions to enable efficient communication and data exchange between microservices and applications in a distributed system.

• Implemented and managed the Continuous Integration (**CI**) and Continuous Deployment (**CD**) process using **Jenkins** to automate and streamline software development, testing, and deployment workflows.

• Developed shell scripts for **Oracle** and **PostgreSQL** database backup and restoration. Implemented Oracle Advanced Replication for multi-master replication, handling conflict resolution and performance optimization. Utilized RMAN and manual methods for Oracle database backup and recovery solutions.

• Utilized **Python ORM libraries,** specifically **Django ORM,** for efficient database management.

• Rewrote a **Java** application in **Python** to deliver data in a specific format and created Python batch processors to consume and produce various feeds.

• Developed internal testing tools using **Python** and created **Python Django Forms** to record online user data.

• Worked with various integrated development environments (IDEs) for **Python 2.7, including PyCharm, PyScripter, Spyder, PyStudio, PyDev, NetBeans,** and **Sublime Text.**

• Designed and developed both frontend and backend modules using **Python** on **Django Web Framework.**

• Utilized Spring Boot and Spring Tool Suite (**STS**) for the development of applications, integrating with GIT as the version control repository.

• Utilized Maven scripts for efficient application building and deployment on WebLogic Application Server. Leveraged **ANT, Maven, Log4J, Mockito, JMock** and **Test-ng** as software build tools, ensuring robust development and testing processes.

• Integrated **MongoDB** with **Java** applications using Spring Data **MongoDB**, enabling seamless interaction with the database and efficient CRUD operations.

• Developed **JUnit test cases** with **Mockito, PowerMock** and **Spring Integration** tests to enhance code coverage, performance, and overall quality, with a focus on continuous improvement using SonarQube.

• Configured Ping Access Proxy Gateway for **JWT** decoding and agent installation on application server to communicate with Ping Federate server. Implemented **Spring Security, OAuth** and **JWT Token Based Security** for robust endpoint authentication and authorization.

• Utilized **ECMAScript 6 (ES6)** features to develop **JSX** and **ES2015** build, employing Babel and Webpack for seamless code transformation and bundling.

• Leveraged **Splunk** for comprehensive high-level health checks on the application, ensuring optimal performance monitoring and analysis.

• Worked with containerization technologies like Docker to package and deploy Node.js applications in isolated environments.

Environment: HTML, CSS3, Bootstrap, JavaScript, Angular, Spring MVC, Spring Boot, Typescript, Bootstrap, Microservices, Jasmine, Karma, Mocha, JSON, Spring Security, JWT, OAUTH, RabbitMQ, Oracle, PostgreSQL, Selenium, Postman, Junit, Mockito, Power Mock, Maven, Log4J, GIT, MongoDB, Apache Tomcat, Jenkins, Microsoft Azure, AJAX, JSP, Node.js.

Java Developer | Healthcare
Prometrica
Jul 2015 – Sep 2017|Cambridge, MA

Responsibilities:
• Participated in all stages of the Software Development Life Cycle (**SDLC**), including requirements gathering, system modeling, analysis, design, and application development, ensuring a comprehensive and well-structured approach to software development.
• Played a key role in designing and developing microservices using **Java 8, REST** and **Spring Boot** leveraging the power of application properties Auto Configuration to enhance productivity and streamline development processes.
• Leveraged Hibernate as the **ORM** implementation, complemented by the usage of JPA (**Java** Persistence API) in alignment with Spring Boot's support for **JPA**. Effectively employed Hibernate ORM to establish class-to-table mappings, ensuring efficient data persistence.
• Utilized Kibana and Elastic search for identifying Kafka message failure scenarios and implemented Kafka producer and consumer applications on a Kafka cluster setup with the assistance of Zookeeper.
• Utilize **GCP** services such as Compute Engine, App Engine, Kubernetes Engine, and Cloud Functions for deploying and managing applications.
• Developing applications that produce and consume messages using **ActiveMQ's** messaging **API**.
• Played a pivotal role in developing the Automation Infrastructure using **Selenium**, a widely-used automated testing framework, to ensure efficient and reliable testing of web applications.
• Utilized build automation tools like **Maven** and **Gradle** to efficiently build and deploy applications across different environments.
• Effectively managed bug tracking and improvement processes using **JIRA** a widely used project management and issue tracking tool in the software development industry.
• Proficiently managed version control using **GIT** a widely used distributed version control system, and utilized SourceTree as the GUI tool for seamless and efficient code management throughout the project lifecycle.
• Extensively worked with **GCP Cloud including Big Query, GCS bucket, G - cloud function, cloud dataflow, Pub/suB cloud shell, GSUTIL, BQ command line utilities, Data Proc,** and **Stack driver.**
• Effectively employed **JUnit** and **Mockito**, industry-standard testing frameworks, to meticulously design and execute unit test cases, adhering to Test-Driven Development (**TDD**) principles, ensuring robust and high-quality code.

Environment: Java, J2EE, Spring MVC, Spring Boot, Micro Services, Spring Security, Hibernate, Web services, REST, Servlets, JSP, JDBC, Agile, HTML, GIT, CSS, XML, AJAX, jQuery, MAVEN, Gradle, Design Patterns, UNIX, Tomcat, Oracle, Jenkins, Kafka.

Java Developer | Banking
U.S. Bank
Jan 2013 – Jun 2015|Dallas, TX

Responsibilities:
• Engaged in **Agile** development methodologies and Iterative models, actively participating in requirements analysis, design, development, and testing across the Software Development Life Cycle (**SDLC**) of projects.
• Contributed to the development of web applications using **HTML, CSS, JSP, JavaScript, jQuery, Bootstrap** and **Node.js** adhering to industry-standard User Interface guidelines and best practices to ensure a seamless and user-friendly web experience.
• Utilized **Python scripting** to automate diverse tasks, encompassing data collection and data processing, streamlining operational efficiency.
• Leveraged advanced Python libraries such as **NumPy, SciPy** and **Pandas** for in-depth market analysis, and applied Python in machine learning tasks to extract valuable insights.
• Utilized **Python** collections for efficient manipulation and iteration through diverse user-defined objects.
• Utilized **Python** to seamlessly serialize and store data into **JSON** files, enhancing the testing process of Django Websites.
• Leveraged **Python** and **Django** to proficiently develop graphics, perform **XML** processing, facilitate data exchange, and implement robust business logic.
• Effectively utilized Spring Beans to encapsulate business logic and implemented the Application MVC Architecture using the **Spring MVC** framework. Developed Controller's and Validator components leveraging Spring MVC framework for seamless application flow and validation.
• Developed Data Access Objects (**DAOs**) utilizing **Java** Persistence API (**JPA**) and Hibernate persistence **API** to facilitate smooth and efficient interactions with the **SQL** database.

• Implemented Java Multithreading in the back-end component to achieve concurrent processing, enabling each user to have a dedicated thread for efficient and responsive user experience.
• Developed the **JSP** using the tag libraries. Perform validations using struts validation framework.
• Designed configuration **XML** Schema for application and used **JUnit** Testing for performing Unit testing.

Environment: HTML, CSS, JSP, JavaScript, jQuery, Bootstrap, Node.js, Microservices, Redux, Spring Beans, Spring MVC, JPA, Spring Boot, Oracle, JSP, Azure, XML, Junit.

Jahnavi D

- Chantilly, VA, US

Contact Information

- 2v8-s8t-s7k@mail.dice.com

Work History

Total Work Experience: 11 years

- **Full Stack Java Developer Mastercard**

  Feb 01, 2023

- **Full Stack Developer Verizon**

  Jul 01, 2020

- **Full Stack Developer Meijer**

  Oct 01, 2017

- **Java Developer Prometrica**

  Jul 01, 2015

- **Java Developer U.S. Bank**

  Jan 01, 2013

Skills

- **java** - 8 years
- **springboot** - 8 years
- **angularjs** - 7 years
- **aws** - 5 years
- **reactjs** - 3 years
- **css** - 10 years
- **agile** - 8 years
- **design patterns** - 8 years

- **restful** - 8 years
- **web services** - 8 years
- **javascript** - 7 years
- **jenkins** - 7 years
- **spring** - 7 years
- **spring mvc** - 7 years
- **apache maven** - 6 years
- **apache tomcat** - 6 years
- **git** - 6 years
- **hibernate** - 6 years
- **html** - 6 years
- **jquery** - 6 years
- **junit** - 6 years
- **oracle** - 6 years
- **orm** - 6 years
- **software** - 6 years
- **unit testing** - 6 years
- **mockito** - 5 years
- **xml** - 5 years
- **spring security** - 4 years
- **java servlets** - 5 years
- **jpa** - 5 years
- **jsp** - 5 years

Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: False
- Willing to Relocate: True
- Travel Preference: 50%
- Work Authorization:
  - US
- Work Documents:
  - Green Card Holder
- Security Clearance: False
- Third Party: True
- Employment Type:
  - Contract - Corp-to-Corp
  - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice: https://www.dice.com/employer/talent/profile/6b0aff67fad6274361afb85703c1f48d