Priya D

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*Desired Roles : Sr. Java Full Stack Developer/Sr. Node JS Developer*

 PROFESSIONAL SUMMARY:

* With over 8 years of extensive IT experience, I am an **AWS Full Stack Java Professional** skilled in all aspects of the **Software Development Life Cycle (SDLC)**. My expertise spans **development, design, analysis, testing, and integration** of web-based and client/server applications using **JAVA/J2EE** technologies across multiple platforms.
* Proficient in **Core Java** concepts, including **Object-Oriented Design, Multi-Threading, Design Patterns, Exception Handling, Collections, Java, Annotation, and Java 8 features.**
* Extensive hands-on experience working with **Java 8 and Java 11**, utilizing their features and enhancements, including the Stream API for efficient data processing.
* Implemented **SOAP** and **RESTful** Web Services based on **Service Oriented Architecture** (SOA) using **JAX-WS, UDDI, and WSDL**, with a solid understanding of **Microservices**, **Spring Boot**.
* Proficient in design patterns like **MVC** and **Microservices, Factory, Abstract Factory, Singleton, Business Delegate, and Data Access Object.**
* Extensive utilization of **JavaScript** frameworks like **Angular.JS, Vue.JS, Bootstrap, Node.JS, Angular, Typescript, jQuery, and React.JS.**
* Expertise in building complex web applications using **React.js** and its ecosystem, such as **Redux, React Router, and Next.js.**
* Created custom CQ components using JCR, Apache Sling, CRX, and CQ5 for Java Content Repository, REST-based web development, and WCM/DAM/social collaboration applications.
* Experience in developing Enterprise and Web applications using Java/J2EE, including **Servlets, JSP, Hibernate, Spring, EJBs, Struts, Web-Services, Java Mail, XML, JPA, JMS, and JDBC.**
* Proficient in developing integrated business applications using **Hibernate**, **Spring** framework, **Struts**, **JSF** Framework, and various web services technologies.
* Successfully integrated **Spring Cloud** OSS Stack, incorporating Ribbon for load balancing and **Hystrix Circuit Breaker** for ensuring fault tolerance.
* Possess significant expertise in **MVVM** design pattern, leveraging its principles to develop robust and scalable applications.
* Ability to create tables, stored procedures, and indexes, as well as perform database operations using **SQL Server** and related tools.
* Proficient in creating **Single Page Applications (SPAs)** using **Mongo, Express, Angular** and **Node (MEAN) stack.**
* Accelerated API development by integrating Swagger with popular frameworks like **Node.js, Java, and Python**. This streamlined the process through interactive documentation generation, automated client SDK creation, and simplified API testing and debugging, promoting efficiency and standardization across different languages and frameworks.
* Proficient in utilizing **AWS** Cloud platform services such as **EC2, S3, EBS, VPC, ELB, DynamoDB, AMI, RDS (Aurora), IAM, SNS, SWF, SES, ELASTIC BEANSTALK, Route 53, Auto scaling, LAMBDA, CloudFront, Cloud Watch, Cloud Trail, Cloud Formation, OPS Work, Security Groups, and other cloud services.**
* Used **Java Scala Groovy**, and **J2EE** technologies to test applications with three and more tiers of components.
* Hands on experience in Web Application Development using Client Script design technologies like **React JS**, React native, **Typescript**, **Node JS, Angular JS**, **jQuery** as well as **HTML, CSS, XML, XSLT, Java Script**, **Kubernetes**, **Oracle DB.**
* **Kafka Steams**, streams API, DSL, and KSQL were used to implement stream processing.
* Knowledge of building microservice pipelines with **OpenShift** and **Kubernetes**.
* Experienced in creating server-side generated web apps in **Django** and **Python** using **HTML** and **CSS**.
* Working knowledge of **PyCharm**, **PyScripter**, **Spyder**, **PyStudio**, and **PyDev** among other **Python IDEs**.
* Experience with **Docker** containers, leveraging **Linux** **Containers** and AMI's to create **Docker** Images/ containers.
* Experience with messaging systems like **Kafka**, **Kafka** event sourcing. Worked on (JMS) MQ's like **Rabbit MQ, IBM MQ and Active MQ**.
* Capable of creating, scaffolding, and managing Angular projects using the **Angular CLI**. understanding of **TypeScript**, a sophisticated superset of **JavaScript** utilized by **Angular**, and its features like interfaces and static typing. solid familiarity with Angular's component-based architecture and **RxJS**-based reactive programming.
* Utilized **Azure Resource Manager** (ARM) for coordinated deployment, update, and deletion of resources.
* Extensive experience in writing test cases using **JUnit, Karma, Selenium, JMockit, and Cucumber framework.**
* Developed custom applications tailored to client needs and proficient in multiple databases including **MongoDB, Cassandra, PostgreSQL, and MySQL server**. Worked on advanced **MongoDB** concepts such as locking, transactions, indexes, Sharding, replication, and schema design.
* Strong knowledge of writing **ANT** and **Maven** build scripts, implementing logging with **Log4j**, writing **JUnit test cases**, and utilizing bug tracking tools like Clear Quest, JIRA, and Bugzilla.
* Demonstrated proficiency in developing remote portlets in **WebLogic portal** workplaces (WSRP) 9.2, 10.2, 10.3 and configuring WebLogic Portal servers. Experience in deploying n-tier Enterprise/Web applications using **IBM WebSphere, WebLogic, and Apache Tomcat.**
* Streamlined API testing and deployment by integrating **Swagger** into CI/CD pipelines using **Jenkins, Terraform, and CircleCI.** Utilized **SonarQube** and Checkstyle for code analysis, code coverage to ensure high code quality and code efficiency.
* Applied **Java, Scala, Groovy, and J2EE** technologies for testing applications with multi-tier components.
* Hands-on experience in web application development using R**eact JS, React Native, TypeScript, Node.js, AngularJS, jQuery, HTML, CSS, XML, XSLT, JavaScript, Kubernetes, and Oracle DB.**
* Implemented stream processing using **Kafka Streams, streams API, DSL, and KSQL.**
* Knowledgeable in building microservice pipelines using **Docker, Openshift and Kubernetes.**
* Hands-on experience with messaging systems like **Kafka, Kafka event sourcing,** and various message queues such as **RabbitMQ, IBM MQ, and ActiveMQ.**
* Familiarity with authentication and authorization mechanisms for **RESTful APIs**, including **OAuth2** and **JSON** Web Tokens (JWT).
* Working closely with the QA team to address and fix any issues or bugs discovered during the testing phase of a project, ensuring the **quality** and **functionality** of the software product.
* Skilled in **creating, scaffolding, and managing Angular** projects using the Angular CLI. Proficient in **TypeScript, Angular** component-based architecture, and reactive programming with RxJS.
* Expertise in designing and implementing **RESTful** APIs using popular web frameworks like Spring, Node.js.
* Knowledgeable in **HTTP** methods and data exchange formats like **JSON** and **XML**.

TECHNICAL SKILLS:

|  |  |
| --- | --- |
| Programming Languages | Core Java, C, C++, SQL, PL/SQL,J2EE,Python  |
| Operating Systems | Windows 8/9/10/11, Linux/Unix, MacOS |
| Client Scripting | JQuery 1.8,1.9, D3.JS, Angular 2-7, JavaScript, CSS2, CSS3, bootstrap, HTML4, HTML5  |
| Server Scripting | JSP1.2,2.1, JSP-EL, JSTL, Custom Tags, Node JS  |
| Web Technologies | HTML, CSS, PHP, JavaScript,Angular,  ReactJS, JSP, Servlets, SOAP, REST, XML, JSON. |
| J2EE Technologies | JSP, JDBC, Hibernate, Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Log4j2, Swagger. |
| Tools | Maven,ANT,GIT |
| Servers | JBoss, Apache Tomcat,IBM Websphere |
| Software Development | Waterfall Model, Agile, Scrum, Test-Driven Development  |
| Web Services | WSDL, SOAP, REST |
| DataBases | PostgreSQL, MySQL, MongoDB, Oracle, SQLServer  |
| Cloud technologies | AWS (EC2, EBS, RDS, Lambda), Azure, Kubernetes |
| Version Control  | Tortoise SVN, Rational, Bitbucket, Git, GitHub, CVS  |
| Testing Methodologies | JUnit, Mockito, Cucumber, Selenium |

PROFESSIONAL EXPERIENCE:

      **Discover Financial Services, Illinois                                                                                                 Feb 2022 till Date**

**Senior Full Stack Java Developer**

**Responsibilities:**

* Participated in Agile (Scrum) methodology and Involved in **Design, development, System Testing** and **User Acceptance Testing**.
* Used spring as an application framework to build the Services layer and implemented its core modules such as **Spring Core Container, Inversion of Control, Data Access** and **MVC** and Used **XML/java /annotation spring boot** configurations.
* Developed different **JavaBeans** and helper classes to support Server-Side programs.
* Experienced in the architecture, design and development of high traffic applications built in **Java/J2EE** using **MVC** architecture integrating spring, **Hibernate** and **Struts frameworks** in **SOA**.
* Implemented **ORM (Object Relational Mapping)** framework with **Hibernate** for mapping Java classes and database tables.
* Used **SpringBoot** which is radically faster in building cloud MicroServices and developing Spring based applications with auto-configuration.
* Designing and implementing scalable, **Restful** and **microservices**-based mobile back-end. The back-end is being written in Java using **Spring Boot** for simplicity and scalability.
* Experienced in coding Web Services with **JAX-WS (SOAP) and JAX-RS (Restful**). Used **Apache Tomcat** as application servers to handle the deployments of different applications.
* Hands on experience on **GitHub** as Version control for code repository and **Jenkins** for continuous integration.
* Hands on experience on **elastic load-balancers (ELB)** for different applications to provide high performance of applications.
* Experience on **Route53** to manage DNS zones and assign public DNS names to elastic load balancers IP's.
* Hands on experience on creating auto-scaling groups based on memory and CPU usage to handle excessive or under use workload without needing manual interference.
* Good experience with **DynamoDB** and **Redshift, Lambda.**
* Enhanced the application based on **Micro Service Oriented** Architecture using **Angular 4.0** and Cassandra DB and MySQL to develop Single Page Applications (SPA).
* knowledge of utilizing **Scala** to work with NoSQL databases **like Cassandra, MongoDB, and Elasticsearch**.
* knowledge of build tools such as **SBT, Maven, and Gradle**.
* knowledge of database technologies for **microservices**-based systems, such as **MongoDB**, **Cassandra**, and **MySQL**.
* Configure **Jenkins**, **Terraform** OC Masters/Slaves in both Unix and windows platforms.
* Implemented **Angular** 4.0 directives, expressions, routing capabilities for bookmarking, filters, validations and AngularUIcomponents, Components, ng-Modules, Providers, Services and classes for navigation respectively.
* Worked with Angular CLI and Typescript in Angular 4.0 to create **Controllers** and **Angular** components for the Web Pages.
* Optimized the performance of the application which is achieved by Angular 4 Lazy Loading.
* Extensively used **React-Router** techniques Axios service to retrieve data from server synchronously.
* Involved to implement various screens for the front end using React.js and used various predefined components from **NPM** (Node Package Manager) and **redux** library.
* Configured and maintained Jenkins for implementing the CI/CD process, Capable of creating scalable and maintainable web apps using **Typescript**. Learn about how to use **Typescript's** static typing, interfaces, and modules to enhance developer efficiency. Used **Typescript** to create applications using **Angular, React, and Node.js** as frameworks.
* Designed and developed the **REST** based **Microservices** to create, read, update and delete information on a server with simple **HTTP** calls using the **Spring Boot**.
* Implemented **ElasticSearch** for caching to enhance the performance of applications.
* Implemented **NodeJS** as a server-side proxy for observing various response times.
* Also implemented modules into **NodeJS** to integrate with designs and requirements.
* Used **Node Package Manager (NPM)** to manage modules & used it to install useful tools as Grunt and Express.
* Used **ExpressJS** which is a fast, assertive, essential and moderate web framework of **Node.js** that helps manage a server and routes.
* Worked with Express JS which gives **MVC** Structure to the Node JS.
* Built-in AJAX HTTP Service with observables is used extensively for making quick and incremental updates to the UI of the application.
* Implemented user **authentication** and ensured the security of **Restful** web services by utilizing OAUTH 2.0.
* Implemented the Restful API using the **Swagger** Framework, which provides a feature-rich UI for API testing.
* Performed unit testing on the client-side using **Karma** and **Jasmine** and developed comprehensive unit test cases using **JUnit** and **Spock**.
* Loaded data from various sources into HDFS using **Kafka**.

**Environment**: Angular 4.0, Node JS, HTML5, CSS3-SASS, ES6 JavaScript, React-Axios, AJAX HTTP Service, TypeScript, Spring boot, JPA, jQuery, OAuth2.0, Apache Kafka, Active MQ, Jenkins, Bamboo, Log4j, MY SQL, Cassandra DB, Elastic search, Redis, NPM, Web pack, RESTful, EC2, AWS S3, EBS, Elastic Load Balancer, Junit4, Docker, Spock, Karma, Jasmine, Eclipse Java EE IDE.

      **CVS, TX                                                                                                                                                Sep 2020 to Jan 2022**

**Full Stack Developer**

**Responsibilities:**

* Developed a **Micro Service Oriented** application with React JS in the front end and Spring Boot services.
* Developed and implemented views using **HTML5, CSS3/LESS, Bootstrap , AJAX.**
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Worked with **ReactJS** to build Bootstrap components for responsive UI Objects and linked with API data to view and render the virtual DOM dynamically.
* Implemented various screens for the front end using **React.js** and used various predefined components from **NPM (Node Package Manager)** and **redux** library.
* Used React Router to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with the server.
* Implemented flux pattern by using **redux** **framework** as a core dependency.
* Used **Redux Framework** architecture (like Reducers, Containers, Saga) for integrating the data with React-Native Application and created and used Reducers to modify Store State Tree.
* Experienced in using **React.js** for creating interactive UI using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Injected **Angular4** built-in http service to custom services to communicate with backend with **RESTful** APIs and Used Pipes to format and sort data displayed in the templates.
* Used Angular CLI to generate components, **services**, **filters** and compiled in different environments.
* Used **Axios** AJAX request to retrieve data from server simultaneously.
* Performed Unit testing on applications using tools **Mocha and Chai to test React JS** components.
* Used the fundamentals of Java 8 like parallel streams and filters through **lambda** expressions to handle the searching.
* Developed **Restful** web services using JAX-RS in **JERSEY** to expose the data to Spring module.
* Used complete annotation driven approach to develop the application using **Spring Boot** and was also involved in setting up the **Spring** **bean** profiling.
* Developed and deployed **Microservices** based applications using **Spring Boot and Spring Cloud.**
* Expertise in using **Spring Security** Module by utilizing its **SiteMinder, OAuth 2.0 Configuration, OpenID** Connect for Enterprise Application Authentication and Authorizations.
* Used **Spring IOC** for specifying the dependencies of the objects using **dependency injection**.
* Implemented **ORM** frameworks such as **Spring Data, Hibernate,Spring JPA.**
* Used **WADL (Web Application Description Language)** for modeling the resources. implemented transaction management in the application by applying **Spring AOP** Framework.
* To achieve modularity and to handle cross cutting concerns like **transaction management, logging and profiling Spring AOP** is used.
* Used **Hibernate** as the **Object-Relational Mapping (ORM)** tool to access the persistent data.
* Worked with **spring batch** to convert xml files to database records.
* **Quartz** **scheduler** is used to schedule jobs in the application.
* Configured **JBOSS** **Application** **server** and used **Oracle** **database**.
* Developed **Mean Stack** from scratch including **MongoDB** server (Mongoose Connector) setup and **Express JS** server development.
* Used a highly durable messaging system called **Apache Kafka** for asynchronous exchange of vital information between multiple business applications.
* **Behavioral** and **Integration testing** is done using **Cucumber** and **Selenium** respectively.
* Deployed and Monitored **Micro Services** Using **Pivotal Cloud Foundry** and managed Domains and Routes with the **Cloud Foundry**.
* Published message services using **Spring** AMQP’s **Rabbit** Template and subscribes to the messages on a POJO using Message Listener Adapter.
* Worked with **Jenkins** Continuous Integration and Continuous Deployment (CI/CD).
* Configured **Web pack** to execute linters, magnifiers, pre/post-processors, tests, transpires, etc. based on build target.
* Creating, managing, and performing container-based deployments using **Docker** images containing Middleware and applications together.
* Deployed the **drools** rules as a service in the J2EE stack environment.

**Environment:** JavaScript, React JS-Redux, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Spring Data, Spring Batch, Quartz Scheduler, Hibernate, Microservices, Restful services, Eclipse Java EE IDE, Jenkins, Spring Cloud, Splunk, Node Package Manager(NPM), Oracle DB, MySQL, Spring Data, Spring AOP, Spring Transaction Management, Spring Batch, RESTful Services, Swagger, Jersey, Docker, Ribbon, JUnit, Mokito, Selenium, Cucumber, Cassandra DB, Cassandra Node Connector, Gradle, JBoss, WADL, Web pack,, Kafka.

      **Etrade , Michigan                                                                                                                      April 2019 to August 2020**

**Java Full Stack Developer**

**Responsibilities:**

* Developed dynamic web pages using **HTML5, CSS3, jQuery, Bootstrap, CSS3 (SASS) and AJAX.**
* Worked with **Angular** JS (1.x) Controllers, Directives, Services and filters for application functionality.
* Used many **Angular** JS-1.x directives which allow developing many custom and reusable **HTML** for data binding and behavior of components.
* Used Angular JS -1.x to create views to hook up models to the DOM and synchronize data with server as a **Single Page Applications.**
* Used **Backbone JS** to utilize its rendering functions and create **controllers** to handle events triggered by clients and send requests to the server.
* Utilized Core Java concepts like **Collections, Multithreading** and **Exception handling** to develop business components.
* Used **Multithreading** in programming to improve overall performance using **Singleton** design pattern in Hibernate Utility class.
* Developed application on Spring framework by utilizing its features like **Spring Boot, Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC.**
* Used Spring Core for configuring and using the **spring beans** in the application.
* Built **REST API** end-points for various concepts using JAX RS API.
* Developed RESTful services based on **Spring REST** using **Jersey** framework.
* Developed several **RESTful** API web services which produces both XML and JSON to perform tasks, leveraged by both web and mobile applications.
* Documented the REST API’s using **Swagger2** API for briefing the services involved in the application.
* Implemented **Cross cutting** concerns like **logging** and **declarative transaction management** using **Spring AOP.**
* Used **spring batch** framework to create custom readers and writers to work with the application.
* Used **Hibernate** in the data access layer to access and update information in the **database** and used **HQL** to query the database for complex data.
* Used **Spring framework** with **Hibernate** to map to **Oracle database** and mapped using **Hibernate** Annotations.
* Implemented **ODBC** which is used for connecting to the **Oracle database.**
* Integrated testing methods implemented by using **Karma** and **Jasmine**.
* Good Experience with Continuous Integration and Continuous Delivery by using tools like **Jenkins** .
* Have worked on **AWS** to integrate the server side and **client-side** code.
* Used **AWS deployment services** to quickly set up a **dynamic website** and configured virtual servers.
* Provided support for all core web services technologies including **Web Service Description language (WSDL).**

**Environment:**  Java, HTML, CSS- Saas, AJAX, Angular 1.6, SOAP, JAX-RS, jersey, Swagger, Hibernate, Spring, Spring Batch, WSDL, Spring AOP, Oracle DB, Karma, Jasmine, Jenkins, AWS, JWT,PostMan.

      **Hertz,Oklahoma                                                                                                                August 2017 to March 2019**

**Senior Software Engineer**

**Responsibilities:**

* Designed **User Interface (UI)** web applications using web technologies like **HTML5, HTML DOM, DHTML, XHTML, XML, XSL, XSLT and CSS3** based on W3Cstandards. wrote custom JavaScript utilizing jQuery to enhance theme, setup server to handle more number of page requests.
* Build **data-driven** applications for the enterprise using the Prime Faces Java server Faces UI framework.
* Created views using components of **JSF** Prime Faces in **XHTML** files and configured JSF framework.
* Extensively used **Java server Faces** (JSF) Navigation rules and JSF tags for enhanced user Interface.
* Implemented data access logic by using **Hibernate** Persistence framework to enable the persistence mapping between **java objects** and **RDBMS**.
* Used JaxWS framework to create **SOAP** web services.
* Wrote Web Services using **SOAP** for sending and getting data from the external interface.
* Used Spring Batch to build the **POJO-based development** approach of the **Spring Framework.**
* Used various **Core Java** concepts such as **Exception Handling, Multithreading and Collection APIs** to implement various features and enhancements.
* Used **Collections** extensively to **store, retrieve and manipulate objects** in the business logic layer.
* Involved in using **JPA (Java Persistence API)** frameworks and APIs such as **JDO (Java Data Objects)** and **Hibernate**.
* Worked on **Hibernate** persistence tier. This involves developing mapping files and Hibernate (POJOs/ DAOs).
* Developed **UNIX Shell Scripts** for batch jobs to transfer the data on different servers.
* Implemented **Spring AOP** for providing proxies.
* Used **Spring Security** to develop Login and Logout features of the application.
* Implemented Spring Security for posing security constraints on **JSF UI page views.**
* Used **Maven** as a build tool and Jenkins for **monitoring** the build status of the project.
* Developed **Unit Test Case for UI Screens using Jasmine and Karma.**
* Configured **Glassfish** application server and deployed the instances on it.
* Used **Node** **JS** to implement the **HTTP REST API**, and **POSTMAN** to thoroughly evaluate the **RESTFUL** services.

**Environment:** HTML, XHTML, CSS, JavaScript, jQuery, Jakarta Server Faces (JSF), Jasmine & karma, Gulp, JSP, Spring AOP, Spring Bean, Spring Annotations, Spring Security, Hibernate, RDBMS, SOAP, JAX-WS, RDBMS, Drools, Junit, Log4j, Glassfish, POSTMAN.

    **Access Info, India                                                                                                             June 2015 to December 2016**

**Software Engineer**

**Responsibilities:**

* Developed UI screens using **JSP, HTML, CSS, JavaScript.**
* Worked on **JSP, Servlets, Struts framework** and production support issues of the existing applications.
* Development of **Action Forms, Action Servlets, Action and Validating Action Forms in Struts framework.**
* Implemented **Struts Dispatch Action** class and formed bean classes using struts framework.
* Client & server validations were handled using JavaScript & Struts validate plug-in.
* Worked on the **JAVA** **Collections** API for handling the data objects between the business layers and the front end.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Created many **Stored procedures and scheduled jobs** to support our applications to create reports for customers.
* Build and maintain **SQL scripts, indexes, and complex queries** for data analysis and extraction.
* Develop a business continuity plan for the **SQL Server Databases** using **JDBC** drivers.
* Created an **XML** configuration file for **Hibernate** to map to SQL DB.
* Developed **web services** for sending and getting data from different applications.
* Used **JDBC** to access Oracle database for accessing customer information.
* Used **ANT** build tool for compiling and generating war files.
* Used **spring** for Dependency Injection for plugging in the **Hibernate** **DAO** objects for the business layer.

**Environment**: Core Java, HTML, CSS, J2EE, JSP, HTML, JavaScript, Servlets, JMS, Hibernate, JDBC, SQL, DAO, Web Services, Oracle, ANT.