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**PROFESSIONAL SUMMARY:**

* **9+ years** of experience in Designing, developing, and maintaining **full** **stack** web applications using **Java**, **Spring**, **Spring** **Boot**, **Angular** and **React** frameworks.
* Experienced in developing and maintaining **RESTful** web services to support frontend **Angular** or **React** based applications.
* Experienced in developing and maintaining **scalable**, **resilient**, **fault**-**tolerant,** and **highly** **available** **cloud** applications using **Java** and related technologies on **AWS** platform.
* Experienced in designing, developing, and implementing **cloud**-**native** architectures and microservices-based applications on **AWS** using **AWS** services such as **Lambda, S3, EC2, RDS, API Gateway etc.**
* Experienced in developing and maintaining **Continuous** **Integration** and **Continuous** **Delivery** **(CI/CD)** pipelines for web applications using **Jenkins** and **Bamboo**.
* Experienced in creating innovative and effective User interfaces with **HTML**, **CSS**, **JavaScript**, **Bootstrap**, **Angular** and **React**.
* Experienced in Analyzing the existing legacy **Java**-based application architecture and identify areas for **modernization** and **migration** to **microservices**.
* Expertise in design and development of **microservices**-based architecture using **Java**, **Kafka**, and other related technologies on **AWS** Cloud.
* Expertise in implementing code **refactoring** and **re**-**engineering** of existing **monolithic** code to modern **microservices** architecture.
* Experienced in collaborating with cross-functional teams, including **data** engineers, data scientists, and **DevOps** engineers, to ensure seamless integration of **Kafka**-based solutions into existing systems and infrastructure, and to continuously improve the **performance** and **reliability** of the system.
* Experienced in developing and maintaining **automated** **testing** frameworks and **test** **suites** for **microservices**-based applications.
* Designed, developed, and maintained **AWS** cloud infrastructure using Infrastructure as Code (**IaC**) tools like **CloudFormation** and **Terraform**.
* Experienced in working with data storage technologies such as **NoSQL** and **SQL** databases and integrating them with **microservices**-based applications.
* Experienced in implementing **event**-**driven** architecture using **Kafka** and related technologies.
* Experienced in developing and maintaining documentation for software products, including technical specifications, architecture diagrams, and user manuals.
* Experienced in troubleshooting and resolving issues related to application **scalability**, **security**, and **performance**.
* Experienced in ensuring applications meet **industry** **security** **standards** and **regulations**.
* Experienced in conducting **load** **testing** and **performance** **testing** to ensure that the applications are **scalable** and perform well under **heavy** **loads**.
* Experienced in **monitoring** the **performance** and **availability** of Java applications in production environments, troubleshooting, and resolving issues in a timely manner, and maintaining uptime for critical systems.
* Experienced as a **site** **reliability** **engineer** by collaborating with development teams to identify and resolve issues related to **Java** code, **database** queries, and application configuration, and ensure that fixes are properly tested and deployed in production.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Programming | Java (1.5, 1.6, 1.7, 1.8, 1.11), Groovy |
| Client Scripting | HTML, CSS, JavaScript, jQuery, Bootstrap, Angular and ReactJS |
| Java Frameworks | Spring Framework, Spring Boot, Spring Cloud, Spring Batch, Spring Integration… etc., Hibernate |
| Build Tools | Gradle, Maven, Webpack |
| CI Tools | Jenkins, Bamboo |
| Databases | Oracle, MySQL, PostgreSQL, SQL Server. |
| Middleware  | IBM MQ, Solace, Kafka |
| Version Control | SVN, GIT |
| Templating | Velocity, Free marker |
| Application Servers | WebSphere, JBoss, Glassfish |
| Web Servers | Tomcat |
| UML Tools | Altova UML Model, Rational Enterprise |
| ORM Frameworks | Hibernate |
| Defect Tracking | JIRA, Rational ClearQuest, Rally |
| Methodologies | Agile (XP, Scrum, SAFe), Rational Unified Process (RUP), Waterfall, Kanban |
| Other Technologies | Splunk, Hashi Corp Vault, Elastic Search, Node JS, SonarQube, Nexus IQ Server, CA APM, AppDynamics, Pivotal Cloud Foundry, Shell Scripting, Cucumber, Selenium, Serenity, Akana, Artifactory, Nexus, AWS EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Cloud front, Elastic search, Elastic Beanstalk, Virtual Private Cloud (VPC), |

**PROFESSIONAL EXPERIENCE:**

**Client: Citizens Bank, Phoenix, AZ Mar 2022 – PRESENT**

**Role: Sr. Java Full Stack Developer**

**Description:** Citizens Bank offers a comprehensive suite of commercial banking services to businesses of all sizes. They provide financing solutions, treasury management services, corporate banking, capital markets services, and specialized industry expertise to help businesses manage their finances and achieve their goals.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
* Designed, developed, tested, and deployed **scalable** **microservices**-based applications using **Java** programming language and related frameworks.
* Developed the application using **Spring** **Framework** modules like **Spring** **IOC**, **Spring** **AOP**, **Spring** **Boot**, **Spring** **Security**, **Spring** **Batch**.
* Used **Spring** **Cloud** components like **Spring** **cloud** **config** **server**, **Netflix** **Service** **Discovery**, **Zuul** **API** **Gateway** for the application development.
* Developed front end web application using **HTML**, **CSS**, **JavaScript**, **Angular**.
* Created and maintained **CI/CD** pipelines for continuous integration and delivery of **microservices**-based applications.
* Leveraged Java and Node.js to build scalable and efficient applications.
* Used **Hibernate** as persistence Layer using **Oracle** Database and configuration data to provide persistence services.
* Strong proficiency in Java programming language and its associated frameworks and libraries.
* Solid understanding of Node.js and its ecosystem, including Express.js, npm, and asynchronous programming.
* Used **Spring** **Security** for **Authentication** and **Authorization** of the application.
* **Monitored** application performance and troubleshooted and resolved issues related to application **scalability**, **security**, and **performance**.
* Developed and maintained **automated** **testing** **frameworks** and test suites for web applications and microservices.
* Ensured that the **shared** **resources** are accessed in a **thread**-**safe** manner to prevent **race** **conditions** and other **synchronization** issues by using **locks**, **semaphores**, and other **synchronization** primitives.
* Responsible for creating, starting, and stopping **threads** using executor service to manage a **pool** of **worker** **threads** that can **execute** **tasks** **asynchronously**.
* Ensured that the tasks are executed in the order they were **submitted** and that they do not interfere with each other.
* Defined a **custom** **exception** handler that can handle exceptions in a specific way that occur during **task** **execution**.
* Created **AWS** **Lambda**, **EC2** instances provisioning on **AWS** environment and implemented security groups, administered **Amazon** **VPC’s**.
* Deployed **Spring** **Boot** application using **AWS** **Elastic** **Bean** **Stalk** using **Docker**.
* Working on end-to-end development and migrating the application to Cloud using the **AWS** availing services like **AWS** **EC2**, Elastic Search.
* Configured **AWS** **IAM** roles and Security Group in Public and Private Subnets in **VPC**.
* Deployed Spring Boot based micro services **Docker** container using **Amazon** **EC2** container services and using **AWS** admin console.
* Configured and maintained **Kafka clusters, brokers, topics**, and **partitions**, and optimized their **performance** by tuning configuration parameters, **monitoring** metrics and **diagnosing** issues.
* Developed and maintained **Kafka** clients using **Java** and integrated **Kafka** with other systems such as **databases**, **messaging** systems, and **big** data platforms.
* Designed and implemented **security** and **compliance** measures for **web** applications and ensured that applications meet **industry** **security** standards and regulations.
* Worked with databases such as **MySQL**, **Oracle**, and **MongoDB** to store and retrieve data for web applications.
* Developed responsive and user-friendly frontend web applications using **Angular** frameworks.
* Integrated frontend **Angular** applications with backend **Java** **web** **services** to provide seamless user experiences.
* Developed and maintained **fault-tolerant** and **resilient** **microservices** that can handle **unexpected** failures.
* Implemented and maintained monitoring and **logging** solutions using tools such as **ELK** **stack**, and **Splunk**.
* Ensured **security** and **compliance** of **cloud**-**based** solutions, including **access** **management**, **encryption**, and **logging**.
* Troubleshooted and resolved issues related to **cloud** **infrastructure** and software applications in the **cloud** environment.
* Worked with **containerization** technologies like **Docker** and **Kubernetes** to deploy and manage **cloud**-based applications.
* Developed and maintained knowledge base, **runbooks**, and support documentation, and continuously improved the support process by identifying areas for **automation** and **optimization**.
* Participated in **on-call** rotation and was available to respond to and resolve production issues outside of regular business hours.

**Environment**: Java, Spring Framework, Spring Boot, Maven, Microservices, REST, CI&CD, Jenkins, Git, Spring Integration, Junit, Mockito, Cucumber, Selenium, Rest Assured, Spring Data JPA, Tomcat, HTML, CSS, JavaScript, Angular, Nexus, Artifactory, Splunk, AppDynamics, Akana.

**Client: Walmart, Herndon, VA Dec 2020 – Feb 2022**

**Role: Java Full stack Developer**

**Description:** Auto care center (ACC) is one of Walmart’s biggest revenue generators. This application is an eco-system for vehicles that includes purchasing parts, scheduling appointments, linking, and unlinking customers to vehicles, fitment search, vehicle service history, service recommendations etc. This also manages order journey from creation to fulfillment including invoicing and point of sale.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modelling, analysis, design, development, testing, and application support.
* Involved in complete software development life cycle - Requirements gathering, Conceptual design, Analysis, Detailed design, and Development.
* Followed Scaled **Agile Methodology** to Implement the Project and used JIRA to track and manage Iteration progress.
* Architected the System using **Micro** **Services** and deployed them to **Pivotal Cloud Foundry (PCF).**
* Used Spring Boot with Embedded Tomcat and followed Continuous Integration and Continuous Delivery for developing the Web Application.
* Implemented and developed applications using **Spring (IOC, AOP, MVC, Security, Boot, and Batch),** Hibernate, and **REST** based Web Services.
* Designed and implemented cloud-based solutions using Azure services such as Azure App Service, **Azure** Functions, **Azure** Storage, **Azure** SQL Database, or **Cosmos** DB.
* Leveraged **Azure's** scalability and flexibility to architect and optimize solutions for performance and cost efficiency.
* Used Terraform to automate the deployment and management of infrastructure resources.
* Developed data models and implemented database solutions in **Azure**, such as **Azure** **SQL** **Database**, **Azure** **Cosmos** **DB**, or **Azure** **Data** **Lake**.
* Ensured data integrity, implemented efficient queries, and manage data storage and retrieval.
* Implemented and managed continuous integration and continuous deployment (CI/CD) pipelines using **Azure** DevOps.
* Automated build, test, and deployment processes to enable efficient and reliable software delivery.
* Identified and resolved performance bottlenecks, optimized application, and infrastructure configurations, and monitor system performance using Azure monitoring tools like Azure Monitor and Application Insights.
* Used **Kafka** to listen to change stream in Mongo DB.
* Used **Kafka** as middle ware for **asynchronous** communication between microservices.
* Involved in writing **SQL** and **Stored Procedures** for handling complex queries with help of **MySQL Workbench,** **TOAD,** and access them through Java Programs from **Oracle Database**.
* Experience with serverless computing using AWS Lambda, including function development, deployment, and monitoring.
* Experience in writing complex **PL/SQL** queries using joins, Stored Procedures, Functions, Triggers, cursors, and indexes in Data Access Layer.
* Worked with **MongoDB** to store non-relational data into the collection and retrieve them whenever required.
* Upgraded existing UI with **HTML5, CSS3, jQuery,** **Bootstrap**.
* Implemented core features of **Angular 7** framework such as Dependency Injection, Data Binding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Highly used **Angular 7** Router to build single page applications for navigation through different status and multiple models.
* Used **Java 8** features like stream and **Lambda** expressions.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 8** new features like **default**, **static** methods, and Concurrency API.
* Implemented AWS Lambda functions to create serverless applications.
* Used **IntelliJ, Visual Studio** IDE for Debugging and development of Application.
* Focused on **Test** **Driven** **Development** by creating detailed **JUnit** tests using **Mockito** for every single piece of functionality before writing the functionality.
* Worked in an **Agile** environment using SDLC tools like **GIT, Jira, Jenkins**, **and Maven** for build packaging and deployments of the application components.

**Environment**: Java, Spring Framework, Spring Boot, Maven, Microservices, REST, CI&CD, Jenkins, Git, Spring Integration, Junit, Mockito, Cucumber, Selenium, Rest Assured, Spring Data JPA, Tomcat, HTML, CSS, JavaScript, Angular, Nexus, Artifactory, Splunk, AppDynamics, Akana.

**Client: GE Energy, Atlanta, GA Aug 2019 – Dec 2020**

**Role: Sr. Java/J2EE Developer.**

**Description**: GE Energy mostly deals with power related projects, my project is about Turbines and their maintenance we are responsible for developing APM which is a new system that maintains alarms for the turbine and if the alarms are severe, it creates a case for an alarm, and it has different forms and data and it also involves template ingestion for Alerts and cases.

**Responsibilities**:

* Involved in design and development of applications and new features for GE’s APM core product.
* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
* Implemented the application with **Micro Services** Architecture and deployed it to Pivotal Cloud Foundry.
* Familiarity with Terraform for infrastructure as code (IaC) to provision and manage cloud resources on platforms like AWS, Azure, or GCP.
* Followed **Agile** Methodology in the project and used **JIRA** to track and manage iteration progress.
* Developed the application using **Spring Framework** modules like **Spring IOC, Spring AOP, Spring Boot, Spring Security**, **Spring Batch.**
* Used Spring Cloud components like **Spring cloud config server**, **Netflix** Service Discovery, **Zuul** API Gateway for the application development.
* Developed front end of one of the microservice using **Angular**.
* Implemented **QUARTZ Scheduler** to schedule jobs by the time interval to export files.
* Worked on creation of database objects like **tables, views, materialized views, procedures, and packages** using oracle tools like **Toad, PL/SQL Developer** and **SQL\* plus.**
* Used **Jenkins** for Continuous integration.
* Worked on Deploying **Spring Boot** based **Micro Services** to Amazon **EC2**.
* Used **Hibernate** as persistence Layer - using the **My SQL Server Database** and configuration data to provide persistence services (and persistent objects) to the application.
* Used HQL and SQL as the query languages in **Hibernate Mapping**. Integrated the Spring and Hibernate framework.
* Implemented shell scripts using **BASH to** be used in differentLinux environments.
* Used **Spring Security** for **Authentication and Authorization** of the application.
* Used design patterns like **Singleton, Spring MVC,** Factory Pattern and **DAO** in implementation.
* Handled the Release Process and provided implementation support.
* Participate in Code Analysis, and Test Plan Reviews
* Involved in preparing test cases for System Testing and User Acceptance Testing
* Actively involved in production support, fixing the problem, and providing appropriate documentation describing the root cause of the problem, actions taken to rectify etc.
* Worked with Messaging system like **RabbitMQ** and workflow system like **Azuqua**.
* Worked with Automation testing with Gulp.
* Involved in creating a **CI/CD** **process** to build and deploy micro services and micro apps using **Jenkins Pipeline** and **Docker.**

**Environment**: Pivotal Cloud Foundry, Java 8, JEE, Spring Boot, RESTful Services, Microservices, Spring WS, Angular JS, Polymer JS, High Charts, Maven, XML, JUnit, Testing, Selenium, Protractor, Jenkins CI/CD, Apache, PostgreSQL, Oracle, MS SQL, Linux, SCRUM, Spring Tool Suite, IntelliJ.

**Client: Meteor COMM LLC, Renton, WA Mar 2018 – Jul 2019**

**Role: Sr. Java/J2EE Developer**

**Description:** Meteor COMM is the rail industry’s trusted choice for wireless communications technology that reliably transports mission-critical information. With a robust data backbone that is integrated into the railroads’ IT infrastructure, Meteor COMM delivers innovative solutions that enable Positive Train Control (PTC) compliance and improve operational efficiencies.

**Responsibilities:**

* Involved in business requirements gathering and Analysis, Design, Development, Integration, and testing of application modules.
* Involved in various phases of Software Development Life Cycle (SDLC) as requirement gathering, data modeling, analysis, architecture design & development for the project.
* Involved in Object Oriented design and development.
* Involved in **Linux** software application development.
* Implemented agile methodology throughout the project development lifecycles.
* Responsible for setting up **Angular** JS for UI development. Developed html views with **HTML**, **CSS3** and AngularJS.
* Proficiency in working with AWS services, such as AWS SDKs, API Gateway, DynamoDB, S3, or CloudWatch.
* Established continuous integration. Set up Jenkins’s server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled builds overnight to support development needs using Jenkins, Git, JUnit, Selenium and Maven.
* Design and developed various views and partial view using Object Oriented JavaScript, JSON, jQuery, Ajax Helpers and **Node**.js, **Backbone**.js, **Bootstrap**.
* Involved in developing **HTML** and **JavaScript** for client-side presentation and data validation on the client side within the forms.
* worked on production on-call support and ticket **SLA**.
* Have a good knowledge of **Microservices** and **Containerization**.
* Worked in writing **Spring** Restful Web services using **JSON** / **XML**.
* Created the **PL/SQL stored procedure**, function, triggers for the Oracle 12c database.
* worked in using SVN Configuration tool.
* Used Tiger VNC for Virtual Network Computing (Tiger VNC in Red Hat Enterprise Linux 7).
* Used advanced Angular JS structure-with-gulp-node and Browserify.

**Environment:** JSP**,** HTML5/HTML, CSS3/CSS, JavaScript, jQuery, JAVA, Restful, JSON, Angular.js1.5, Node.js,Backbone.js, Spring Restful, Jenkins, Maven, Hibernate JPA, Java, XML, Git, Rally Software, oracle 12c, Apache Kafka, Eclipse, Internet Explorer, Firefox, Chrome

**Client: Cablevision Systems Corporation, Bethpage, NY Aug 2017 to Feb 2018**

**Role: Java Full stack Developer**

**Description:** The project is called as Customer Call Center Information Systems (CCIS), and it was designed to help the customer service agents to address customer issues Cablevision Systems Corporation is a leading telecommunications and media company with a portfolio of operations that includes a full suite of advanced digital television, voice and high-speed Internet services and valuable local media and programming properties.
**Responsibilities:**

* Involved in designing applications using the core **J2EE** design patterns Façade, Data Transfer Objects, Business Delegate, and Value Object.
* Involved in **Object Oriented Analysis (OOA) and Object-Oriented Design (OOD)** Techniques using Unified Modeling Language (UML).
* Knowledge of web development technologies like HTML, CSS, JavaScript, and front-end frameworks like React or Angular.
* Developed JSPs strictly confining to the policy of no java use in them and **AJAX** was used for asynchronous server calls.
* The presentation tier of the application was built completely on Struts framework. Heavily used Struts Tag Libraries, **Validators**, and Tiles and involved in Configuring web.xml and struts-config.xml.
* Worked on the back-end part of the application involving spring framework and **hibernate**.
* Persisted common application-level data like domain libraries using **eh Cache**.
* Used **spring** **AOP** for transaction management and developing advice for various cross cutting concerns such as logging, security, and indexing.
* Hibernate was used as admin tool persistence framework. Also, implemented interceptors using **Hibernate** and spring.
* Developed **Stored** **Procedures**, **Triggers** and **Functions**. Actively involved in tuning **SQL** queries, Stored Procedures, Triggers in Informix.
* Generated complex PDF reports using **JASPER**.
* Agile delivery of software using practices of short iterations, sprints, Scrum.
* Developed the provider by top-down approach by writing the WSDL.
* Used **SOAP** Protocol for communicating between two different backend systems.
* Extracted the SOAP request sent to, and SOAP response received from the backend system.
* Developed web services using **Apache** **Axis** web service engine.
* Worked on writing Unix Scripting to perform certain tasks.
* Involved in validating designs done by other developers as well as in the **code review** process.

**Environment:** Solaris, JDK 1.7, Servlets, JSP, spring 3.1, Hibernate 3.0, HTML, JavaScript, CSS, XML, Server Studio 6.5, Tomcat 7.0, SVN, Maven, iReport 2.0.2, Struts1.3.10, Altova XML Spy, Soap UI, JAX-WS, Apache CXF, TcpMon, jQuery, jQuery UI

**Client: Dignity Health, Hyderabad, India July 2013 – Dec 2016**

**Role: Java/J2EE Developer**

**Description:** Dignity health operates hospitals and provides health care facilities in various states. Dignity health provides high quality and affordable health services to all. This Project involves enhancing a web application of Dignity Health Service which includes modules like Finding Care Center and Finding Doctor. Finding Care Center has features like Urgent Care, Ambulatory/Surgery, Home, Health, Hospice, Imaging, Laboratory and Specialty and Finding Doctor has functionality related to finding a doctor nearby.

**Responsibilities:**

* Participating in the scrum meetings with the development team.
* Implemented a Web based Application using **Servlets**, **JSP**, **spring**, **JDBC**, **XML**.
* Involved in writing Spring Configuration XML file that contains declarations and other dependent objects declarations.
* Used hibernate to connect to Database to create the DAO layer.
* Developed Application Framework using Model-View-Controller using the technology Spring.
* Used **HTML, XHTML, Java Script, XML, XSLT, XPATH, JSP** and Tag Libraries to develop view pages.
* Implemented **UNIX** shell scripts to migrate various data files to S&P ratings repository.
* Implemented smooth pagination capability using **Java** script and JSP to remove existing pagination utility.
* Worked on Geo API to provide geological access capability to S&P.com site.
* Involved in Agile process to streamline development process with iterative development.
* Worked with developers to release the product on time.
* Presenting Demo’s to the Product Owner.
* Code reviews and managing the **CVS** Repository.
* Participating in the regular team meetings, sprint planning meetings, user story review meetings etc.
* Involved in preparing High- & low-level design docs with UML diagrams using Microsoft VISIO tool.

**Environment:**  JDK 1.5, Java Script, XML, HTML, XHTML, JSP, Spring, DAO, Oracle Express edition, Apache ANT, CVS, Junit, UNIX, Log4J, CSS Style Sheets, Apache Tomcat, J2EE, Maven