**Ramchand**

**Java Fullstack Developer**

**Email Id:** **peralaramchand@gmail.com** **Phone: +1 925-390-1137**

**PROFESSIONAL SUMMARY**

**Over 6+Years of experience in IT industry and worked in different phases on system development including analysis, design, development, documentation, implementing, and testing using Java Stack Technologies**

* Extensive exposure to J2EE environment, well **experienced in MVC** architecture and Spring Framework.
* Experience in building Enterprise Applications and Distributed Systems using technologies such as Core Java, **J2EE (Servlets, JDBC, JSP, JSF, EJB, JPA, XML),** Spring Framework and Hibernate Framework.
* Extensive experience publishing and consuming Web Services using SOAP and RESTful API.
* Experience in all phases of software development life cycle (SDLC), which includes User Interaction, Business Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing, and Deployment.
* Hands on experience with processing **XML using SAX and DOM**.
* Good knowledge in Spring Framework, Object Relation Mapping using Hibernate.
* Experience in developing Web Applications(Frontend) usingHTML**(4/5),**CSS**(2/3),**JavaScript, **TypeScript**, **Angular** (6/7/8), React JS, Node.js, Express JS, **jQuery**, AJAX, XML, **Bootstrap**, JSON, Java/J2EE.
* Used NPM for installing required node modules and other published **Angular NPM** modules, Angular 2.0 is of a **Component Driven Architecture**.
* Experience in Full Stack J2EE development using Java, J2EE, Microservices, Struts, Node JS, Angular JS, ReactJS, JSON. Worked on some of the new features of **Angular 4/5** like new if else syntax, ng-templates, and form validators.
* Designed and developed the application using **Angular2** framework along with **HTML5, CSS3, TypeScript, Java Script, Bootstrap, Node.js, NPM, and Mongo DB**.
* Moved existing AngularJS controllers and services to **Angular2** components for more responsive and less dependency.
* Enhanced legacy application by building new components in **Angular 2+** and **Typescript**.
* Experience in using frameworks and tools like **Hibernate, spring, JUNIT, LOG 4J** and **JSF** framework. Developed applications using **Spring Boot** and with various modules in **Spring framework** like **core, data, web, AOP.**
* Extensive Experience in using various design patterns such as **MVC (Model –View-Controller), Singleton, Session Façade, Factory, DAO, Front Controller, and Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
* Developed **microservices** using **Spring** **Boot**, **Spring** **Cloud**, **Spring Security**, **Spring Data JPA**, **Docker** and **PCF**.
* Having good implementation experience with installation and configuration of Kubernetes, clustering them and managed local deployments in **Kubernetes**.
* Strong knowledge on **Hibernate** and in using **Hibernate** Connection Pooling, HQL, Collections, Hibernate Caching, Hibernate Transactions.
* Extensive experience using **spring** framework with **ORM** mapping tools like **Hibernate** and **iBatis**, which implements **Java Persistence API (JPA).**
* Used Continuous delivery / Continuous Integration **(CD/CI)** tools like **Jenkins, Bamboo** to deploy this application to **AWS** and used **GIT** for Version Control of code for incremental development. Configured Jenkins to perform builds to **AWS environment.**
* Worked with various **AWS services such as S3, EC2, ECS, SNS, SES, RDS instances,** etc. Worked with **AWS SDK** to get and post objects to **S3 buckets** in the application.
* Experienced in **testing Angular JS, Angular 2** applications using **Jasmine, Mocha, Karma, and Angular Test Bed.**
* Experienced in developing **PL/SQL**, **Stored Procedures, and functions, triggers** using **Oracle** and comfortable working with databases like **SQL Server, DB2, No-SQL (MongoDB) and MySQL**.
* Hands on Experience with version control tools like **CSV, SVN and GIT**. Followed **Waterfall, Agile** methodologies like **SCRUM.**
* Experienced using **Splunk** for monitoring and checking error logs, monitoring the infrastructure.
* Experience in developing Web-Centric applications using **AngularJS, JavaScript, CSS3 and HTML.**
* Expertise in design and development of web applications using **JSP, JavaScript, HTML5, CSS3, Bootstrap, jQuery, AJAX, JSON** andsingle page applications (**SPA**) by using **JavaScript MVC framework, Angular JS, Angular 5/6 .**
* Expertise in developing enterprise application in **Microservices** and **SOA** (service-oriented architecture).
* Proficiency in developing secure web applications and server-side development using **JSP, Servlets, EJBs, XML, Web Services (SOAP & REST), JDBC, Spring, Hibernate, AJAX, Java Beans, CSS, HTML, JavaScript, jQuery, Oracle** and various Design Patterns.
* Created various **MongoDB** collections and wrote services to store and retrieve user data from for the application on devices and used **Mongoose** API to access the **MongoDB**.
* Knowledge of developing single page web applications by using **Angular 5** with T**ypeScript/ ES** and **jQuery** and working knowledge on **HTTP access control** **CORS** to enable cross-origin resource sharing in the project.
* Experience in React JS Framework to develop the SPA.
* Experience in implementing Service Oriented Architectures (**SOA**) using XML based Web Services (**SOAP/WSDL**) and **RESTful** Web Services. Experience in building sophisticated distributed systems using **REST APIs.**
* Expertise in using **J2EE** technologies like **JSP, Servlets, EJB, JDBC, Java Beans, JMS, JNDI, XML** and **Web services (RESTful and SOAP).**
* Experience with build tools includes **Maven**, **Gradle**, **ANT** and **Jenkins**. **IDE** tools like **RAD, WSAD, Eclipse, Spring STS,**

**Visual Studio Code etc.,** worked on major **Web servers** including **Apache Tomcat, JBOSS, Web sphere, Web Logic.**

**TECHNICAL SKILLS**

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| **Languages** | Java 1.8,1.7,1.6,1.5, J2SE, J2EE, SQL and PL/SQL |
| **Web Technologies** | XML, XSL, DTD, REST, SOAP, WSDL, DOM, JAX – RPC |
| **Scripting Language** | JavaScript, jQuery, AJAX, Bootstrap, Node JS,Angular JS, Angular 2/6/8/9/11,JSP, Java Beans, JAX-WS, React JS,Shell Scripting |
| **Application servers** | WebLogic, Apache Tomcat, JBoss |
| **Application Frameworks** | Struts, JSF, Spring MVC, Spring-Core, Spring JDBC, Spring Hibernate, Spring Boot, Spring ORM, jQuery |
| **Databases** | Oracle, MySQL, SQL Server |
| **SDLC Methodology** | Agile (SCRUM), TDD, Waterfall |
| **Other Tools** | Micro Services, SOM, SAX, JAXB, HTML5, DHTML, XHTML, JSON, CSS3, Swagger, YAML, Json, Pivotal cloud foundry PCF, Amazon Web Services, EC2, XML, XSLT, XSD, WSDL |
| **Web Services** | WSDL, SOAP, SOA Restful services and Microservices |
| **Build/DEV Tools** | TOAD, SQL Developer, SOAP UI, Rally, Jira, Putty, WinSCP, Rational Rose, ServiceNow, UML, ANT, Maven, Jenkins, GIT, Jasper, Docker container, Jasmine, Log4j |
| **Operating Systems** | Windows, Red hat Linux 9 and Solaris |
| **Message-Oriented-Middleware** | IBMMQ, Active MQ, Rabbit MQ,WebSphere MQ, JMS, Kafka |
| **IDEs** | Spring Tool Suite, Eclipse IDE, NetBeans, JBuilder, JDeveloper, Putty, JUnit, Log4j.  |
| **Testing**  | JUnit, Selenium, RIT |
| **VersionControl Systems** | SVN, GitHub |

**PROFESSIONAL EXPERIENCE**

***CVS, Dallas, TX January 2024 – Till Date***

**Senior Java Developer**

**Roles & Responsibilities**

* Involved in the **entire SDLC**, including requirement gathering, design, development, testing, deployment, and support using **Agile methodologies**.
* Designed and developed **high-quality, scalable Java applications** using **Core Java, J2EE, Spring Boot, Hibernate, and JPA**.
* Created and maintained **RESTful APIs and microservices architecture**, ensuring secure integration with front-end applications.
* Utilized **ReactJS**, JavaScript, HTML, and CSS for building **dynamic, responsive user interfaces**.
* Leveraged **React Hooks** and functional components for improved **performance and maintainability**.
* Integrated **real-time messaging protocols** including **Kafka, MQTT, ActiveMQ, and Modbus** for efficient communication between devices and services.
* Developed **network-based communication modules** using **TCP and UDP connections**.
* Implemented **authentication and authorization** using **Spring Security**, **OAuth**, and **JWT**.
* Worked with **Oracle, PostgreSQL, MySQL**, and **Cassandra** for efficient data modeling, storage, and retrieval.
* Hands-on experience with **message parsing**, performance testing, and **code optimization**.
* Defined test scenarios and developed **unit and integration tests** using **JUnit, Mockito, and Jest**, following **TDD principles**.
* Managed **version control** using **Git** and **Bitbucket**; conducted pull requests and peer **code reviews**.
* Handled **CI/CD pipelines** using tools like **Jules**, **Git**, and **cloud-based deployments**.
* Participated in **daily SCRUMs**, sprint planning, retrospectives, and used **JIRA** for issue tracking and sprint management.
* Integrated **AI tools like ClaudeAI** to enhance application automation and intelligence.
* Stayed current with **emerging technologies** and contributed to **continuous improvement** and innovation within the development team.

**Technologies & Tools:** Proficient in Java, Core Java, J2EE, Spring Boot, Hibernate, JPA, and JavaFX for backend development. Skilled in front-end technologies including ReactJS, JavaScript, HTML, CSS, and familiar with EXTJS. Experienced with messaging systems and protocols like Kafka, ActiveMQ, MQTT, Modbus, and TCP/UDP. Hands-on with databases such as Oracle, PostgreSQL, MySQL, and Cassandra. Strong in testing frameworks like JUnit, Mockito, and Jest. Proficient in using Git, Bitbucket for version control, and Jules for build and deployment in cloud environments. Well-versed with Eclipse IDE, JIRA for task tracking, and integration of AI tools like ClaudeAI.

**GOOGLE, NC April 2023 – December 2023**

**Java Developer**

**Roles & Responsibilities:**

* Participated in the full Software Development Life Cycle (SDLC), including requirements gathering, system design, development, testing, deployment, and production support using Agile methodologies.
* Designed and developed scalable and maintainable Java applications using **Core Java**, **Spring Boot**, **J2EE**, **Hibernate**, and **JPA**, with a strong emphasis on **microservices architecture**.
* Built and maintained **RESTful APIs** with secure integration using **OAuth**, **API keys**, and **JWT** leveraging **Spring Security** and **Apigee API Gateway** for proxy configuration and traffic management.
* Implemented **containerization** using **Docker** and deployed services in **Kubernetes** environments for scalability and fault tolerance.
* Integrated front-end systems using **ReactJS**, **JavaScript**, **HTML**, and **CSS**, and enhanced performance using **React Hooks** and functional components.
* Worked on **real-time messaging protocols** such as **Kafka**, **MQTT**, **ActiveMQ**, and **Modbus** for seamless device-to-service communication.
* Developed network communication modules using **TCP** and **UDP**, ensuring reliable data exchange across systems.
* Managed **cloud-based deployments** using tools like **Jules**, **Git**, and **CI/CD pipelines** via **Jenkins**, **GitLab**, and cloud platforms including **AWS** and **Azure**.
* Performed **API testing**, **message parsing**, **performance tuning**, and **code optimization** to meet high throughput and low latency requirements.
* Authored and executed **unit and integration tests** using **JUnit**, **Mockito**, and **Jest**, following **TDD** practices for reliable code delivery.
* Maintained version control using **Git** and **Bitbucket**, and actively participated in **code reviews**, **pull requests**, and **peer programming sessions**.
* Tracked tasks and managed sprints using **JIRA**, participated in **SCRUM ceremonies**, and contributed to continuous improvement initiatives within the team.
* Integrated **AI tools** like **ClaudeAI** to automate routine tasks and enhance the intelligence of enterprise applications.
* Worked with multiple databases including **Oracle**, **PostgreSQL**, **MySQL**, and **Cassandra**, applying database optimization techniques for performance and scalability.

**Technologies & Tools**: Proficient in Java, Core Java, JavaFX, J2EE, Spring Boot, Hibernate, JPA, and REST APIs for backend development. Skilled in frontend technologies including ReactJS, Redux, TypeScript, JavaScript, HTML, CSS, Bootstrap, Webpack, Babel, and basic familiarity with EXTJS. Experienced with messaging systems and communication protocols such as Kafka, MQTT, Modbus, ActiveMQ, and TCP/UDP connections. Strong in database technologies including PostgreSQL, MySQL, Oracle, and Cassandra. Hands-on with cloud platforms and DevOps tools like AWS (EC2, S3, RDS, Lambda, API Gateway, CloudFormation), Docker, Kubernetes, Jenkins, GitLab CI/CD, AWS CodePipeline, and Jules. Proficient in writing unit and integration tests using JUnit, Jest, Cypress, and React Testing Library. Familiar with monitoring and logging tools such as ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, and AWS CloudWatch. Experienced with Git, Bitbucket, Eclipse, JIRA, Unix Shell Scripting, and AI integration using ClaudeAI.AWS CloudWatch.

***TESLA,FL*  March 2022– March 2023**

**Java Developer**

**Roles & Responsibilities**

* Developed and maintained **full-stack web applications** using **Java, JavaFX, Spring Boot,** and **React**, following **microservices architecture**.
* Implemented **RESTful APIs** using **Spring Boot** and secured them with **OAuth and JWT-based authentication**.
* Designed and developed **dynamic, responsive user interfaces** using **React, JavaScript, HTML, CSS** with **Redux, TypeScript, and Bootstrap**.
* Utilized **React Hooks, Context API, and functional components** for **efficient state management** and **improved performance**.
* Integrated **REST APIs** with **React** using **Axios and Fetch**, ensuring smooth data exchange between front-end and back-end.
* Worked with **API integration using MQTT, Modbus, and ActiveMQ** for **real-time communication** between applications and devices.
* Developed **Spring JPA with Hibernate** for efficient **database interaction**, creating **entity mappings and repositories** for data retrieval.
* Worked with **SQL databases (PostgreSQL, MySQL) and NoSQL databases (MongoDB, DynamoDB)**, optimizing queries for performance.
* Used **Spring Batch** to process **large volumes of data** efficiently from files into databases.
* Developed **AWS-based cloud solutions**, working with **EC2, S3, RDS, Lambda, API Gateway, CloudFormation**, and deployed applications in **AWS cloud environments**.
* Built and managed **CI/CD pipelines** using **Jenkins, GitLab CI/CD, AWS CodePipeline**, automating **testing and deployment workflows**.
* Utilized **Docker and Kubernetes** for **containerization, orchestration,** and **deployment** of **microservices**.
* Developed applications supporting **TCP & UDP connections** for **network-based communication**.
* Integrated **AI tools like ClaudeAI** to enhance **application intelligence and automation**.
* Monitored logs and **application performance** using **ELK Stack (Elasticsearch, Logstash, Kibana), Splunk,** and **AWS CloudWatch**.
* Worked with **Eclipse** IDE for development, debugging, and project management.
* Followed **Agile methodologies**, participated in **SCRUM meetings, sprint planning, retrospectives**, and used **JIRA** for tracking **development tasks and issues**.
* Implemented **unit and integration tests** using **JUnit, Jest, Cypress, Mockito,** and **React Testing Library**, ensuring **Test-Driven Development (TDD)**.
* Configured **logging using Log4J** and handled **application-level exceptions** using **Spring AOP and Global Exception Handling**.

**Technologies & Tools:** Java, JavaFX, Spring Boot, Hibernate, JPA, REST API, OAuth, JWT, React, Redux, TypeScript, JavaScript, HTML, CSS, Bootstrap, Webpack, Babel, PostgreSQL, MySQL, DynamoDB, MongoDB, AWS (EC2, S3, RDS, Lambda, API Gateway, CloudFormation), Docker, Kubernetes, Jenkins, GitLab CI/CD, AWS CodePipeline, JIRA, ELK Stack, Splunk, AWS CloudWatch, JUnit, Jest, Cypress, React Testing Library, Bitbucket/Git, Spring Batch, Spring Security, Log4J, Eclipse, ClaudeAI, Modbus, MQTT, ActiveMQ, TCP & UDP Connections.

**Broadridge, India June 2018 – December 2021**

**Java Web Developer**

**Roles & Responsibilities**

**Responsibilities:**

* Designed and developed **scalable full-stack applications** using **Java, Spring Boot, and Angular**.
* Developed **RESTful APIs** using **Spring Boot** and integrated them with Angular-based front-end applications.
* Built **dynamic and responsive UI components** using **Angular (6+), TypeScript, JavaScript, HTML5, CSS3, and Bootstrap**.
* Utilized **Angular Services, Reactive Forms, Directives, Pipes, and Lazy Loading** for performance optimization.
* Integrated **REST APIs** with Angular applications using **HttpClient, Observables, and RxJS** for asynchronous data handling.
* Implemented **state management** using **NgRx and Redux** to manage application-wide data efficiently.
* Developed **authentication and authorization mechanisms** using **JWT and OAuth** for secure API access.
* Worked with **Spring JPA and Hibernate** for seamless database interactions and optimized query performance.
* Designed and implemented **SQL and NoSQL databases** using **PostgreSQL, MySQL, and MongoDB**.
* Developed **unit and integration tests** using **JUnit, Jasmine, Karma, and Mockito**, following **Test-Driven Development (TDD)**.
* Built and maintained **CI/CD pipelines** using **Jenkins, GitLab CI/CD, and AWS CodePipeline** for automated testing and deployment.
* Deployed applications on **AWS (EC2, S3, RDS, Lambda, API Gateway, CloudFormation)** and utilized **Docker and Kubernetes** for containerization.
* Used **Bitbucket/Git** for version control, collaborated with teams through pull requests and code reviews.
* Implemented **logging and monitoring solutions** using **ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, and CloudWatch**.
* Followed **Agile methodology**, participated in **SCRUM meetings, sprint planning, retrospectives**, and used **JIRA** for tracking development tasks.

**Technologies & Tools:**Java 11+, Spring Boot, Hibernate, JPA, REST API, OAuth, JWT, Angular 6+, TypeScript, JavaScript, RxJS, NgRx, HTML5, CSS3, Bootstrap, PostgreSQL, MySQL, MongoDB, AWS (EC2, S3, RDS, Lambda, API Gateway, CloudFormation), Docker, Kubernetes, Jenkins, GitLab CI/CD, AWS CodePipeline, JIRA, ELK Stack, Splunk, AWS CloudWatch, JUnit, Jasmine, Karma, Mockito, Bitbucket/Git, Spring Security, Log4J.

**Education Details :**

Bachelor’s in computer science -2018 Passed out (VIGNAN UNIVERSITY)

Master’s in information systems and technology-2023 passed Out (UNIVERSITY OF NORTH TEXAS)