**PRUDHVI PUCHAKAYALA**

***Java Full Stack Developer***

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**SUMMARY:**

* Skilled **Sr. Java Full Stack Developer** with over a decade (10+ years) of software development experience in diverse fields such as **Financial**, **Healthcare**, and **State** domains showcasing my expertise across the entire software development life cycle from architecture and design to implementation, optimization, and testing.
* Expertise in **Java/J2EE** Technologieslike **Core Java, JDBC, Servlets, JSP, Spring Framework, Spring Core, Spring MVC, Spring Boot, Hibernate, JPA, EJB, JTA, JMX, JCA, Microservices, Junit** and **RESTful API.**
* Proficient in Agile methodologies including **SCRUM**, Test-Driven Development (**TDD**), Incremental and Iterative methodology and Agile Development & Testing within the Software Development Life Cycle (**SDLC**).
* Strong understanding and application of **Object-Oriented Design principles** in coding practices.
* Proficient in implementing various design patterns such as **Singleton, Factory, Builder**, and **Observer**.
* Developed **RESTful** web services and microservices using **Spring Boot**.
* Implemented **MVC** architecture for separation of concerns in **Spring MVC** applications, handling **HTTP** requests.
* Integrated **Spring Boot** with **ORM** frameworks like **Hibernate** for data persistence.
* Hands-on experience with big data technologies such as **Apache Spark**, skilled in data visualization with **Kibana**.
* Expertise in designing and implementing **RESTful** **APIs** focusing on API security, authentication, and authorization.
* Extensive knowledge of **Spring** Frameworks, including **Spring** (**MVC**, **Data, Cloud, Boot, and Security (OAuth2)).**
* Proficient in working with **relational** databases such as **Postgres**, **Oracle**, and **NoSQL** like **MongoDB**.
* Proficient in **DevOps** practices and cloud technologies, deploying applications on **AWS** and **OpenShift**.
* Expertise in Google Cloud Platform (**GCP**) products and services like **Spanner, PubSub, Borg, Boq, CNS, and Plx**.
* Successfully implemented **DevOps** (CI/CD) model using **Jenkins, Gradle, SonarQube, Docker** for automation.
* Experienced in testing with **Junit, Mockito, Jest, Jasmine, Karma**, and test-driven development (**TDD**).
* Expertise in **SQL** database interactions and optimizing **SQL** queries and used **Gradle** for build automation.
* Experience with **Hibernate** and **JPA** for object-relational mapping (**ORM**) in Java applications.
* Proficient in version control systems like **Git** and **SVN** for collaborative development and code management.
* Mastered in front-end technologies such as **HTML5**, **CSS3**, and **JavaScript** (**ES6**+).
* Proficient in UI frameworks like **Angular** **11, 8** for building modern and responsive web applications.
* Experience in working with **Angular 2/4** modules, services, templates, directives.
* Experience in User Experience **(UX) design and development, HTML5, CSS3, JavaScript, jQuery.**
* Skilled in leveraging **React**, a powerful UI framework, to create dynamic user interfaces for web applications.
* Knowledgeable in working with **OpenShift** and **Kafka** for building and deploying scalable applications.
* Led the design and implementation of **microservices** architecture using **Spring Boot** and **Docker**.
* Developed **GraphQL** **APIs** for efficient data retrieval, enabling clients to query specific data requirements and reducing over-fetching issues associated with traditional **RESTful** **APIs**.
* Experienced in **Node.js**, building scalable server-side apps efficiently, utilizing its ecosystem effectively.
* Orchestrated containerized applications using **Kubernetes**, leveraging horizontal scaling, and rolling updates.
* Proficient in **SQL database** management with expertise in writing complex queries, stored procedures, triggers.
* Experience in Server infrastructure on **AWS Cloud, Elastic Beanstalk, Dynamo DB, S3, Route53, SNS, and SQS.**
* Configured and managed **Docker** Swarm clusters for container orchestration, automating application deployment.
* Implemented **Apache Kafka** for real-time data processing, enabling communication between **microservices**.
* Established **CI/CD** pipelines using **GitLab CI/CD**, automating deployment processes for cloud-native applications.
* Handson Experience with **PostgreSQL, GraphQL, Jhipster** andknowledge on **Kafka, RabbitMQ, JMS.**
* Integrated **Azure** **DevOps** with **GitHub** repositories to automate continuous integration and delivery.
* Worked on **SOA** **Architectures** and very good experience working with core java (6, 7, & 8) concepts like OOPS, collections, multithreading, **JDBC and JSP, Servlets, XML and AJAX**.
* Well experienced in deploying onto application servers like **JBoss, Web Logic, Apache Tomcat**.

**EDUCATION:**

* Bachelor’s degree from Jawaharlal Nehru Technological University, Kakinada. (May 2012)

**TECHNICAL SKILLS:**

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| --- | --- |
| Programming Languages | Java 11/8/7, JavaScript, PHP, Python, SQL, PL/SQL, Scala, C, C++ |
| Java/J2EE Technologies | Servlets, Core java, Hibernate, JPA, JTA, JSP, JSTL, EJB, JDBC, JNDI, RMI, Applets, AWT, Multi-threading, Java Networking, Spring Framework, Spring Boot, Spring Cloud |
| Frameworks | Struts 1.2, Hibernate 5.0, Spring 5.0, Spring Batch, Spring Security, Spring Actuators, Spring MVC, Spring IOC, JSF |
| Web Technologies | HTML5, CSS3, JavaScript, AJAX, jQuery, Bootstrap, XML, XSLT, XHTML, DHTML, SASS, Angular, ReactJS, NodeJS |
| Database Server | SQL Server, MySQL, PostgreSQL, Oracle, DB2, RDBMS, NoSQL, MongoDB, DynamoDB, Cassandra |
| JavaScript Frameworks | AngularJS 8, 11, TypeScript, jQuery, React, React.js, Node.js, Backbone.js, Vue.js, ES6 |
| Web Services | REST, SOAP, XSD, JAX-WS, JAX-RPC, JAX-RS, WSDL, GraphQL, REST 2.2, JAXB |
| Messaging | JMS, IBM MQ, Apache Kafka, Active MQ, RabbitMQ |
| Web Application Servers | Oracle WebLogic10.x/9.x, Apache Tomcat8.0/7.x/6.x, WebSphere, JBoss, Jenkins |
| Methodologies | Agile, Scrum, Kanban, Waterfall, Test Driven Development (TDD), OOAD, SDLC |
| IDE | Eclipse IDE, RAD, STS, Visual Studio Code, NetBeans, IntelliJ |
| Version Control | SVN, CVS, GIT, GitHub, GitLab, Clear case |
| Modeling & Build Tools  | Maven, Gradle, ANT, UML, Rational Rose |
| Operating Systems | Windows, Mac, Linux, UNIX |
| Cloud & Containerization | AWS, GCP, Azure, Docker, Kubernetes, Terraform, Travis CI |
| PM Tools & Security | Jira, Asana, Microsoft Teams, OAuth2, JWT, SSL, TLS. |
| Testing Tools | Junit, Mockito, Jasmine, Karma, Kibana, Cucumber, Mocha, Chai, Selenium, Cypress |
| Logging, Monitoring & Code Quality | Log4J, Slf4J, Cloud Watch, SonarQube, Sonar lint, ESLint |
| API Testing & Documentation | Postman, Insomnia, Swagger |
| Cloud and Database Tools | OpenShift, AWS EC2, AWS ECS, AWS S3, AWS RDS, AWS Lambda, AWS CLI, Cloud Watch, Mongo DB Compass, MySQL Workbench, GCP |

**WORK EXPERIENCE:**

**Client: Cisco, San Jose, CA Duration: Apr 2024 to till date.**

**Title**: **Java Full Stack Developer**

**Responsibilities:**

* Proficient in **AGILE** methodology (**SCRUM**) for efficient project management, including analysis, design, development, and deployment.
* Active developer in Cisco's consumption and software distribution project, focusing on application upgrades and new API’s for leveraging the Enterprise Agreements service.
* Extensively utilized **Java 8**, focusing on concepts like **OOP’s, collections, multithreading, and streams**, and hard coded to enhance better logic for Long-Term Fix of the issue (LTF).
* Regularly performing code enhancement, **debugging** and endpoint identification to ensure optimal application performance, and utilized **Jira** tool for project management.
* Developed backend APIs in **Node**.**js** for high-performance server-side applications, ensuring scalability.
* Created a new API for the software API service, which internally calls another service to fetch data and display the result without exposing internal URL’s.
* Designed and deployed secure, scalable **APIs** with AWS **API Gateway** for seamless client-server communication.
* Managed NoSQL database solutions using **DynamoDB**, ensuring low-latency and high-availability for applications.
* Implemented **AWS Connect** contact center solutions, enabling scalable, cloud-based customer service operations.
* Undergoing code reviews by collaborating with leads for optimal code changing inputs.
* Utilized **Lombok** to streamline code, reduce boilerplate, and enhance maintainability.
* Involved in **JUnit** coverage tasks, covering 4,000 lines of code and improving coverage by 94%.
* Resolving **SonarQube** blockers to ensure adherence to coding conventions and code quality.
* Utilize **Jenkins** for automated builds, creating **Docker** images that streamline the deployment, sending release notes to the QA team for validation.
* Responsible for deploying applications into stagging environments for testing and deployed to production.
* Fixing production issues which came under INC’s, detecting the root cause and producing an optimal solution by collaborating with frontend, backend, and QA team.
* Responsible for updating **YAML** configuration files and committing changes.
* Develop and enhance user interfaces and UI code coverage tasks using **Angular 11**, **HTML5, CSS4, and JavaScript**.
* Employ **Spring Suite Tool** and **VS Code** for robust backend development and utilized Toad and DBeaver applications for Database management and compiling.
* Conduct API tests using **Postman** for both GET and POST methods, verifying functionality and data integrity post-deployment and used **Splunk** for checking error logs.
* Deployed applications on **OpenShift**, leveraging containerization for scalable and portable deployment.
* Proficient in version control i.e. **Git** for raising Pull Request (PR) to get reviewed and approved by developers with my code changes for collaborative development.
* Active participation in daily scrum meetings, sprint planning meetings, TSD code review sessions, incident tracker meetings and new Cisco’s Enterprise Agreements features and rectified defects for the next release.

**Environment:** AGILE/SCRUM, TDD, Java 8, Spring frameworks, Angular 8, HTML5, CSS3, JavaScript (ES6), Bootstrap, Core Java, Hibernate, JDBC, SQL, Oracle, MongoDB, Docker, Jenkins, Node.js, Git, Kafka, RESTful and SOAP, Kubernetes, OpenShift, JSP, Log4j, Python, SonarQube, Postman, Swagger, JUnit, Mockito, Maven, Apache Tomcat.

**Client: U.S Bank, Dallas, Texas Duration: Jan 2023 to Apr 2024.**

**Title**: **Java Full Stack Developer**

**Responsibilities:**

* Proficient in **AGILE methodology** (**SCRUM**) for efficient project management, including requirements gathering, analysis, design, development, and testing in Finance domain.
* Experienced in **Test-driven development** (TDD) and Agile estimation and planning to ensure high-quality code.
* Optimize multi-threading for **Core Java** applications and minimize memory leaks in **Core Java** code.
* Versatile with **Java** versions where I leveraged **Java 8** for my project’s migration process and directed team of 3 developers to implement **Java 8** **streams and lambdas** to optimize data processing.
* Utilized **Spring framework** for dependency injection, and **Spring Boot** for rapid deployment of standalone applications.
* Implemented **Spring MVC** for scalable web application development and **Spring Data** to simplify data access layer.
* Integrated **Spring Security** for authentication and authorization, alongside **Spring Cloud** for efficient deployment.
* Engineered dynamic user interfaces with **Angular 8,11** framework, implementing modular components.
* Leveraged **HTML5, CSS4,** and **JavaScript** to develop user-friendly interfaces for online banking platforms.
* Utilized **Bootstrap** along with **HTML, CSS, and JavaScript** to create responsive web designs.
* Developed client-side functionalities using **JavaScript**, and **ES6** syntax to write clean code.
* Integrated **API Gateway** with Lambda for serverless backend processing and dynamic request handling.
* Designed scalable schemas, optimized query performance, and implemented fine-tuned capacity for **DynamoDB** tables.
* Integrated **AWS Connect** with CRM systems for seamless customer interactions and improved support workflows.
* Implemented **GraphQL** **APIs** to efficiently fetch data from multiple sources with a single endpoint.
* For data integrity and consistency, I configured **Hibernate** entities and mappings to establish relationships between **Java objects** and relational database tables, implemented **Hibernate** caching strategies for performance optimization.
* Enhanced client-side scripting with **JQuery**, simplifying **DOM** manipulation and **AJAX** requests for user interactions.
* Enabling data exchange by integrating **AJAX** with technology like **Spring MVC** to handle **AJAX** requests and responses.
* Implemented **JDBC APIs** to execute SQL queries and perform database transactions programmatically in Java.
* Designed and optimized **SQL** queries to manipulate and retrieve data from relational databases efficiently.
* Utilized **SQL** **DDL** and **DML** statements to create and modify database objects and manipulate data and **SQL** joins.
* Designed **MongoDB** collections and documents to represent data entities and relationships, providing flexibility.
* Implemented **Cassandra** as a **NoSQL** database solution for high availability, scalability, and fault tolerance.
* Deployed applications on **AWS** cloud infrastructure, utilizing **EC2, ECS, ECR, S3**, and **RDS**, and **IAM** security groups.
* Faced compatibility issues with **Docker** containers, I utilized **Docker** **Compose** to define consistent environments.
* Utilized **Kubernetes** to automate the deployment and scaling of **microservices** handling many financial transactions.
* Deployed applications on **OpenShift**, leveraging containerization for scalable and portable deployment.
* Developed scalable RESTful APIs using **Node**.**js**, Express, and MongoDB for web applications.
* Integrated **Jenkins** with version control systems like **Git** to trigger automated builds based on code changes.
* Configured **Jenkins** pipelines for **CI/CD**, leveraging Jenkins automation server for building, testing, and deployment.
* Managed source code repositories using **Git** version control system, facilitating collaborative version tracking.
* Developed **RESTful** and **SOAP**-based web services **APIs** to enable communication between distributed systems.
* Worked on event-driven architectures using **Apache Kafka** messaging system.
* Integrated **Python** libraries like **NumPy, Pandas, and Matplotlib** into Java applications using **Jython**.
* As a developer, I implemented **Postman** to automate and streamline the testing of **RESTful APIs,** for the functionality of critical banking services where I conducted API testing using this, **Postman**,and **Swagger** for documentation.
* Utilized **JUnit** and **Mockito** in tandem to conduct comprehensive integration testing, simulating real-world scenarios.
* Implemented build automation processes using **Maven, and ANT** to streamline project development.
* Utilized **SonarQube/SonarLint** for robust static code analysis, ensuring best practices to coding standards.
* Leveraged **IBM** **WebSphere** and configured **Apache Tomcat** for deploying enterprise-grade Java web applications.

**Environment:** AGILE/SCRUM, TDD, Java 8, Spring frameworks, Angular 11, HTML5, CSS3, JavaScript, Bootstrap, Core Java, GraphQL, Hibernate ORM, JQuery, AJAX, JDBC, SQL, MongoDB, Cassandra, Node.js, AWS, Docker, Jenkins, Big Query, Git, Kibana, Apache Kafka, RESTful and SOAP, Kubernetes, OpenShift, JSP, Log4j, Python, Jython, SonarQube, Postman, Swagger, JUnit, Mockito, Maven, Gradle, ANT, Scala, IBM WebSphere Application Server, Apache Tomcat.

**Client: Kaiser Permanente Healthcare, Oakland, CA Duration: Nov 2020 to Dec 2022**

**Title: Java Full Stack Developer**

**Responsibilities:**

* Proficient in **Analysis**, **Design**, **Development**, **Testing**, and **Maintenance** of software systems in healthcare domain.
* Worked on **Agile/Scrum** for efficient project management and delivery where proficient in utilizing **Java 11** tools such as **javac, jshell, JDeps, JLink** and leveraging **Java 8** **streams** and **lambdas** to optimize data processing.
* Experienced in developing Java applications with both **Java 11** and **Java 8** with frameworks like **Spring**, **Hibernate**.
* Developed robust healthcare management interfaces using **Angular 8**, guaranteeing secure data handling.
* Employed the comprehensive **Spring** ecosystem, including frameworks like **Spring Boot, Spring MVC, Spring Data, and Spring Security**, to develop robust healthcare applications.
* Customized **Bootstrap** themes and styles to align with branding guidelines, enhancing the aesthetic appeal.
* Excelled in **Hibernate**, **JDBC**, **Spring IOC**, **Spring Annotations**, **Spring AOP**, and **Spring Batch**.
* Utilized **JPA** for seamless object-relational mapping and employed **JDBC** for direct database access.
* Implemented **Hibernate** **ORM** to map data models to relational databases, ensuring retrieval of patient records.
* Utilized **RESTful** Web Services to facilitate patient data exchange between healthcare systems.
* Integrated **SOAP-based Web Services** for real-time data exchange, ensuring efficient communication.
* Skilled in **JSP** along with **HTML, CSS, and JavaScript** and familiar with **PHP** for backend development.
* Implemented semantic **HTML5** markup coupled with advanced **CSS3** techniques like flexbox and grid layouts.
* Experienced in **JavaScript**, utilizing **ES6** syntax and closures for efficient client-side development.
* Experienced in working with **OpenShift** for container orchestration and **Angular 8** for frontend development.
* Developed backend services, APIs, and **microservices** using **Scala** and related frameworks, such as **Akka**.
* Configured throttling, caching, and authorization in **API Gateway** to ensure high-performance and security.
* Integrated **DynamoDB** streams with Lambda for real-time data processing and event-driven architecture.
* Implemented **CI/CD** pipelines for deploying **microservices** on **Kubernetes**, ensuring rapid and efficient deployment.
* Familiarity with message brokers like **Kafka**, **ActiveMQ**, and **RabbitMQ** for reliable messaging and integration.
* Proficient in full-stack log management using the **ELK stack (Elasticsearch, Logstash, Kibana**).
* In-depth knowledge of **GraphQL** query language and how it can be utilized to efficiently retrieve data.
* Proficient in **SQL** queries with experience in working with **PostgreSQL** and **Swagger** for documenting RESTful API’s.
* Implemented **Jenkins** for automating build, test, and deployment workflows for reliable software delivery pipelines.
* Knowledgeable in **Spring Security** and **Spring Web-Services** for secure and efficient application development.
* Proficient in **Groovy**, a dynamic and scripting language for the **Java Virtual Machine** (JVM).
* Implemented **TDD** approach to ensure code reliability and **Kubernetes** for scalable container orchestration.
* Designed, built, and deployed a multitude application utilizing all **AWS** stack (**EC2, S3, Dynamo DB, SQS and EMR**).
* Integrated **OpenStack** API with **AWS EC2** cloud-based architecture in **AWS** and to deploy **Docker** containers.
* Utilized **Docker** to containerize healthcare applications, ensuring consistency and scalability.
* Utilized **Jasmine** and **Karma** for unit testing **Angular** applications, ensuring code quality in our software.
* Proficient in **Git** within **DevOps** workflows, ensuring seamless collaboration and version control.
* Knowledgeable in Design patterns like **Singleton, Factory**, and **MVC** and build tools like **Maven**, application servers like **WebLogic** and **Apache Tomcat**, and version control systems like **Git** and **GitHub**.
* Utilized **Postman's** and Implemented **JUnit** and **Mockito** to simulate real-world scenarios.
* Worked with **GraphQL** tools and libraries, such as **GraphQL** **Java**, **Apollo**.
* Employed **Oracle 11g** for relational database management, used **Cassandra** for distributed database management.
* **Kibana** was employed to analyze log data, facilitating the extraction of insights for enhancing system performance.
* Leveraged **JIRA**'s advanced features for comprehensive issue tracking, agile planning, and team communication.
* Proficient in **Apache JMeter** for performance testing and **Log4J** for application logging.

**Environment:** AGILE/SCRUM, Java 11,8, Angular 8, Spring Framework, MVC, Hibernate, Web Services, REST, WSDL, SOAP, XML, XSD, Bootstrap, Node.js, HTML5, CSS3, JavaScript, JSON, Oracle 11g, Maven, Junit, Mockito, Jasmine/Karma, Git, JIRA, Postman, Kafka, Jenkins, Apache Tomcat, Docker, PostgreSQL, Kibana, JPA, JDBC, Spring Security, Log4j, TDD, GraphQL, MongoDB, Cassandra, AWS (EC2, ECS, Lambda), Kubernetes, OpenShift, JSP, Scala, Swagger.

**Client: State of Wisconsin, WI Duration: Oct 2018 to Oct 2020**

**Title: Java Full Stack Developer**

**Responsibilities:**

* Proficient in **Requirements gathering, Analysis, Design, Development**, and **Testing** for State applications.
* Experienced in working with **Agile** **methodology** **(SCRUM)** and practicing **Test-driven development (TDD)**.
* Strong expertise in developing **Single Page Applications (SPA)** using **JavaScript** MVC frameworks like **ReactJs** and frontend technologies including **HTML5**, **CSS3**and **JavaScript**.
* Knowledgeable in **Microservices** **architecture** and proficient in **Spring Boot**, **Spring** **Batch**, and **Spring** **Data** **JPA**.
* Develop enterprise-level applications with **Core** **Java** and **J2EE**, ensuring robust backend functionality.
* Skilled in **Hibernate** for object-relational mapping and **Spring Quartz** Job scheduler for task scheduling.
* Proficient in **Spring** **MVC** and **Spring** **Data** **REST** for building **RESTful** **APIs** and handling data operations.
* Strong knowledge of Exception handling and securing applications using **Spring** **Security**.
* Skilled in writing **Jasmine** unit tests for frontend code validation and ensuring application reliability.
* Familiarity with **Twitter** **Bootstrap** **framework** for responsive web design and user interface development.
* Proficient in **JSP** and **Servlets** for server-side rendering and request handling.
* Experienced in working with **Apache** **Kafka** and setting up **Kafka** clusters for efficient message streaming.
* Familiarity with **PCF** (Pivotal Cloud Foundry) for application deployment and management.
* Proficient in using **SVN** (Subversion) for version control and source code management.
* Knowledgeable in **AWS** and experienced in working with services like **EC2** and **Elastic Load Balancers**.
* Integrated **S3** with other **AWS** services, such as **Lambda** or **CloudFront**, for seamless data processing.
* Proficient in utilizing **Amazon** **SQS** for reliable and scalable message queuing and decoupling of distributed systems.
* Familiarity with **Docker** for containerization and deployment of applications.
* Skilled in setting up **Jenkins** for continuous integration and deployment pipelines.
* Proficient in writing **JPA** queries and utilizing Query DSL and **GraphQL** queries for efficient data retrieval.
* Utilized **GraphQL** resolvers to handle and resolve **queries**, **mutations**, and **subscriptions**.
* Worked with **PL/SQL** for Oracle DB operations and **JBOSS** Application server for hosting Java applications.
* Knowledgeable in **Hibernate** **ORM** framework and **EH Cache** for efficient data caching.
* Proficient in using various debugging tools to identify and fix application issuesin **Tomcat**.
* Proficient in **PHP**, **NodeJS**, and **React** for development and building dynamic web applications.
* Experienced in working with **JQuery**, Yemon, **npm**, and **grunt** for efficient web development and task automation.
* Experienced in working with **NoSQL** databases like **Mongo** **DB** for storing and retrieving statistical data.
* Proficient in performance optimization using tools like **JMeter**, **MAT** tool, and analyzing database and OS reports.
* Skilled in working with **Docker** Containers for application deployment and management.
* Proficient in **Maven**, **Gradle** for build automation and dependency management.
* Experienced in continuous integration and deployment using **Jenkins**.

**Environment:** Java 8, NodeJS, Microservices, Spring Boot, Hibernate 3, React, Spring, AJAX, JavaScript, JQuery, CSS3, HTML5, Bootstrap, JSON, XML, XSLT, Query DSL, SQL, PL/SQL, JDBC, JMS, Web service, SOAP/REST, JAX-WS, Spring Batch, Mockito, JSP, Servlets, Gradle,Core Java, Liquibase, Elastic Search, H2 and Oracle Database, WebLogic, AWS, Kafka, Splunk, Redis, Jenkins 1.6/2.0, SonarQube/Sonar Lint, Docker, Jest, Enzyme, React Bootstrap.

**Client: Citi Bank, Dallas, Texas Duration: June 2016 to Sep 2018**

**Title: Java Full Stack Developer**

**Responsibilities:**

* Developed overall new layout of the web portal and Involved in all the phases of the portal changes - analysis, design, development, testing and deployment.
* Developed user Interface using the **HTML, Bootstrap, CSS, JavaScript, and ReactJs.**
* Used spring features like **Spring IOC, Spring AOP, Spring Batch** and developed new UI features using **React.JS**.
* Implemented **ReactJS** to handle cross browser compatibility issues and used **React-Router** to turn application into Single Page Application where I used **ReactJS** components, Forms, Events, Keys, Router and Flux concept.
* Used Web services (**SOAP and RESTful**) for transmission of large blocks of XML/JSON.
* used Cloud formation templates (**CFT**) to find the resources that needed for formation of cloud formation stacks.
* Developed crypto rest services using **NodeJS** and used **NoSQL** database **AWS dynamo DB** to store data.
* Used Amazon **Cloud Watch** to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Implemented Object-relation mapping in the persistence layer using **hibernate** (ORM) framework. Extensively used DAO patterns, including mapping DAO objects, configure file and classes to interact with database.
* Developed Java API to interact with the **Amazon SQS** used in sending bulk emails.
* Generated **JSON** format data packets from middle-tire controller to front-end using **JSON API.**
* Worked on spinning up **AWS** EC2 instances, Creating IAM Users and Roles, Creating Auto Scaling groups, Load balancers and monitoring through **Cloud Watch** for the applications, **S3 buckets**, VPC etc.
* Designed the data models to be used in data intensive **AWS Lambda** applications which are aimed to do complex analysis creating analytical reports for end-to-end traceability, definition of Key Business elements from **Aurora.**
* Developed Unit test cases using **JUnit**, **Mockito** and **Easy mock.**

**Environment:** Java/J2EE, Spring 3.2.5, Hibernate 4.0, Struts 2.3.3, EJB 3, Windows, RHEL 5 (deployment -JBoss), WebSphere 8, JBoss EAP 5, Bootstrap, Java Script, ReactJs, Node Js, Oracle 11g, PostgreSQL9, UML, SVN, AJAX, ExtJS 3.3, JSR 353, JNDI, JAX-WS, Ant, AWS (Amazon Dynamo DB, Amazon SQS, Amazon Cloud Watch, Amazon Lambda), Agile Scrum.

**Client: FedEx, Memphis, TN Duration: Nov 2013 to May 2016**

**Title: Java Developer**

**Responsibilities:**

* Involved in Daily **SCRUM** meetings and weekly sprint Meetings.
* Proficient in developing enterprise **Java** applications utilizing **EJB 3.0** for efficient component-based architecture and **Spring framework** for **dependency injection** and **aspect-oriented** programming.
* Experienced in generating dynamic and visually appealing reports using **Jasper** Reports, enabling data visualization.
* Skilled in implementing messaging solutions with **IBM MQ**, ensuring reliable and asynchronous communication.
* Proficient in working with **XML** technologies such as **XML, XSLT,** and **JAXB** for data transformation and integration.
* Implemented **RESTful** services using **Spring Boot**, facilitating communication between client and server.
* Experienced in database programming with **JDBC**, ensuring efficient interaction with relational databases.
* Proficient in front-end development with **JavaScript** and **JQuery** to build user interfaces.
* Knowledgeable in Unified Modeling Language (**UML**), facilitating the design and documentation of software systems.
* Experienced in deploying applications on **Pivotal Cloud Foundry** (PCF), leveraging cloud-native capabilities.
* Proficient in using **Mockito** for mocking dependencies in **unit tests**, ensuring isolated and reliable testing.
* Experienced in working with **NoSQL** databases like **MongoDB** for scalable and high-performance data storage.
* Proficient in utilizing **Eclipse IDE** for **Java** development, enhancing productivity and code quality.
* Familiar with modern logging practices using **Log4J** and skilled in building software projects with **Apache Ant**.
* Proficient in documenting and testing **RESTful APIs** with **Swagger**, ensuring consistency and usability.
* Developed Interactive web pages using **HTML5, CSS3, JavaScript** and **Bootstrap**.
* Extensively used **Hibernate** concepts such as inheritance, lazy loading, dirty checking, and transactions.
* All the functionality is implemented using **Spring framework** and **Hibernate ORM**.
* Used **JUnit** for unit testing of the application and **log4j** for logging, used **Jira** for defect management system.
* Exposing the **Microservices** to base on **RESTful** **API** utilizing **Spring Boot** with **Spring MVC**.
* Implemented Rest based web services using **JAX-RS** annotations, **Jersey** Provider.
* Database development required creation of new tables, **PL/SQL** Stored Procedures, Views, and Constraints.
* Integration of automation batch run job with **Jenkins** **Continuous Integration tool**.

**Environment:** Java EE, EJB 3.0, Spring Framework, Jasper Reports, IBM MQ, XML, XSLT, JAXB, Spring Boot, REST, JDBC, JavaScript, JQuery, UML, PCF, Apache Camel, Mockito, MongoDB, Eclipse IDE, Log4J, Apache Ant, Swagger, SaaS Platforms, HTML5, CSS3, JavaScript, Bootstrap, Hibernate ORM, Microservices, Spring MVC), JAX-RS (Jersey Provider), PL/SQL, Jenkins.

**Client: Ethnotech Solutions, India Duration: Jan 2013 – Sept 2013**

**Title: Java Developer**

**Responsibilities:**

* Familiar with designing and implementing **Java/J2EE** technologies, created design documents using **Rational Rose**.
* Used **Spring framework** with **EJB 3.0** to create services which were able to handle **millions of transactions.**
* Implemented the **MVC** architecture using **Apache Struts1.2** Framework and views using **Struts tags** and **JSTL2.0**.
* Developed Java applications using Core Java (Java SE 7), utilized **JDBC** for database interactions with **MySQL** **5.5**.
* Created dynamic web applications with **Servlets** **3.0** and **JSP** **2.2** and managed project tasks, timelines using **Asana**.
* Utilized **RabbitMQ** for asynchronous messaging, **MySQL** for relational database management, and **PostgreSQL** for advanced data storage and retrieval in our software development projects.
* Implemented backend logic and business processes using **Spring Framework** **3.2**, **Spring Core** and **Spring MVC**.
* Integrated **Hibernate** **4.2** for **ORM** (Object-Relational Mapping) and Implemented **RESTful** web services using **JAX-RS** with **Jersey** and **SOAP** web services using **JAX-WS**.
* Assisted in the development of enterprise applications using **EJB 3.1** technology and implemented transaction management using **JTA** and managed application components using **JMX** and used **Visual Studio** **Code** (VS Code).
* Implemented **Jenkins** continuous integration server to automate build, test, and deployment processes.
* Utilized **JUnit** **4.1** for unit testing to ensure code quality and utilized **Git** for version control.
* Configured and managed **Oracle** **WebLogic** **Server** for Java EE application deployment.
* Used **Jira** for project management and **JMS** for asynchronous communication between components.
* Implemented **RMI** interfaces for seamless communication and used **Java Applets** to enhance user interactivity.
* Collaborated with **UI/UX** designers to implement frontends using **HTML5**, **CSS3**, and **JavaScript**, leveraging libraries like **jQuery** **1.10**.

**Environment**: J2EE, Rational Rose, Spring framework, EJB, Apache Struts, JSTL, Core Java (Java SE 7), JDBC, MySQL, Servlets, JSP, Asana, RabbitMQ, PostgreSQL, Spring Framework, Spring Core, Spring MVC, Hibernate, JAX-RS, Jersey, JAX-WS, JMS, EJB, JTA, JMX, Visual Studio (VS), Jenkins, JUnit, Git, RMI, Java Applets, HTML5, CSS3, JavaScript, jQuery.