**Sai Roopa**

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**Professional Summary:**

* 11+ years of IT industry experience encompassing a wide range of skill set, roles, and industry verticals.
* Extensive experience as a Full Stack Developer with analysis, design, development, customizations, and implementation of software applications
* Worked in JPMC using Apache Kafka and Spring Integration to deal with Application KYC validation services and profile management.
* Worked in eBay project for peopleX application deals with employees onboarding and offboarding tool.
* Worked in a Westpac project which was engineered using the Spring boot Microservices RESTful Webservices
* Worked in a CISCO project which was engineered using the Spring MVC (Oracle DB, Angular JS, RESTful Webservices)
* Worked in a Bank of America project application to engineer a REST API for simplifying search operation using Spring.
* Experienced in implementing various Web development technologies like HTML, CSS, Bootstrap, JavaScript & jQuery, and Angular JS
* Good experience with Angular directives such as ng-app, ng-init, ng-model for initialization of Angular JS application data
* Having testing experience in Junit, Mockito
* Developed applications using programming languages such as Java and J2EE
* Having experience in implementing and consuming REST Web Services
* Having an experience in fixing the Security Vulnerabilities such as Cross Site Scripting
* Executed software projects for Telecommunications Industry, Banking Industry and Hospitality Industry
* Good communication skills, interpersonal skills, self-motivated, quick learner, team player

**Technical Skills:**

**J2EE Technology:** J2EE,Java Spring Boot, Spring MVC, Spring Restful Web services, Hibernate, JPA, microservices, Apache Kafka, AWS,Cassandra,Redis

**Programming Languages:** Java

**Web Technologies:** HTML, CSS, JavaScript, Angular, React Js

**Testing Frameworks:** Junit, Mockito, Postman

**Databases:** Oracle

**Application/Webservers:** Apache Tomcat

**IDEs:** Eclipse, SQL Developer

**Version Control Tools:** Git, SVN

**Operating Systems:** Windows

**Education:**

BE in (Information Technology) From QIS College of Engineering and Technology in 2011 with 80% Professional Experience

**Professional Experience:**

**Client: JPMC, Plano TX (Remote) September 2022 - Till Date**

**Role: Sr Java Full Stack Developer**

**Project Description**

Worked as an Application Developer in Elixer team which deals with Employees KYC information and Employees Profile management with Apache Kafka and Spring Integration framework, we did enhancements by writing services which will be consumed by other down streams through Apache Kafka , we do maintain test cases using Contract tests.

We do frequently update our services with data parameters that change from the daily bases and implemented one new KYC feature for profile validation service .we had developed a Data Access Layer using Hibernate ORM framework, Spring JDBC and Spring Transactions.

**Project Responsibilities**

* Working as API Developer Using JAVA Spring Framework and Apache Kafka, AWS and Cassandra
* Designed and implemented an application using Spring MVC, Spring IOC, Spring Transactions, and Dependency Injection using Spring Annotations, Spring AOP, Spring Container-managed transactions, and Hibernate.
* Improvising Existing application with new Enhancements.
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Used to do Framework upgrades by adding new jars.
* In-depth understanding of data structures and algorithms
* Used Test Driven Development (TDD), Unit Tests (Junit, Mockito), GIT as a part of everyday tasks.
* Developed the unit test cases in Test Driven Development (TDD) and mock testing using JUNIT and Mockito frameworks.
* Deployed and monitored scalable infrastructure on Amazon web services (AWS) like Amazon RDS, AWS Lambda, Amazon SQS.
* Used spring's test framework to create integration tests for various spring controllers to test our API using unit tests
* Experienced with CI/CD tools such as Jenkins, Jira, Agile Methodology.
* Experienced with Redis cache memory management.
* Providing support for lower environment issues.
* Involved in Daily Scrum (Agile) meetings, Sprint planning, grooming to gather & understand requirements and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Lead cross-team project to launch first containerized application leveraging Docker and Kubernetes
* Building/Maintaining Docker/ Kubernetes container clusters managed by Kubernetes Linux, Bash, GIT, Docker, Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters

**Environment:** Apache Kafka, Spring Integration, AWS,GIT, Junit, Contract Tests, Java, J2EE, Spring boot, Angular 8, React js, Restful Webservices, Oracle 11 DB, JPA, Photon

**Client: IBM/EBay, Austin TX (Remote) August 2020 - September 2022**

**Role: API DEVELOPER**

**Project Description**

‘PeopleX’ is an on boarding application for eBay employees, this is one of the onboarding gateways, we are also collecting other gateways data as a daily feed file and maintain in our application Database. We are also handling move requests and Role delegations and team management activities like offboard suspend and Employee conversion from one vendor to another also provide organization chart details for each employee.

This tool is accessible to Managers and above for eBay internal Employees.

**Project Responsibilities**

* Responsible for leading a project team in delivering solution to our customer in the Retail sector.
* Deliver new and complex high-quality solutions to clients in response to varying business requirements.
* Responsible for managing scope, planning, tracking, change control, aspects of the project.
* Responsible for effective communication between the project team and the customer. Provide day to day direction to the project team and regular project status to the customer.
* Implemented WAS API technique to reduce the threat of software vulnerabilities with cross-site scripting, cross site request forgery, click Jacking.
* Designed and developed Application based on MVC design patterns.
* Involved in Implementation and Unit testing of the product.
* The application flow is designed and developed using JSF, spring framework and Tiles.
* Designed and developed the UI using JSP, HTML, CSS, and JavaScript
* JSP Content is configured in XML Files.
* Used AWS Beanstalk for deploying scaling web applications and services developed with Java.
* All the functionality is implemented using Spring IOC / Spring Boot and Hibernate ORM.
* Implemented Java EE components using Spring MVC, Spring Boot, Spring IOC, Spring transactions and Spring security modules.
* Used Node JS, Angular 5 and MVC Frameworks in the development of the web applications.
* Developed the spring features like springbatch, springboot and springsecurity, springAOP, spring transaction management.
* Managing and operationalizing Continuous Delivery pipeline applications/tools and infrastructure. Such as Jenkins, Nexus/Atrifactory, SonarQube

**Environment**: Java, J2EE, spring boot, Restful Web services, Oracle 11 DB, Angular 5, React js.

**Client: IBM/Westpac, India March 2019 - Sep 2019**

**Project Name: Cards and Payments**

**Role: Application Developer**

**Project Description:**

Cards and Payments application in Westpac is mainly deal with cards offering to the customers from Westpac bank depends on the customer loyalty and eligibility we are going to offer them different schemes and programs.

**Project Responsibilities:**

* Developed the single page application following Agile Scrum, participated in daily standups, sprint reviews, Kickoffs and used Jira for project management.
* Designed and Developed UI for Portfolio Review Dashboard application using Angular 2, AngularJS, HTML, CSS, Bootstrap, LESS, JavaScript and JQuery.
* Developed the wireframes into User interface web pages using all the standard UI technologies like HTML, CSS, Bootstrap, Angular 5/6/8, and other latest technologies.
* Replace existing JSP, JavaScript legacy application with Angular framework and latest UI components by utilizing the existing legacy application functionality.
* Developed unit test cases using Mocha and Karma as unit test runner for various application modules.
* Developed views using Bootstrap components, Angular-UI and involved in configuring routing for various modules using angular UI router.
* Replace existing JSP, JavaScript legacy application with Angular framework and latest UI components by utilizing the existing legacy application functionality.
* Worked on High level and low-level system design, planning, estimation, and implementation.
* Implemented the front-end using HTML 5, XHTML, DHTML, XML, CSS3, JavaScript and Angular 2.
* Used jQuery, AJAX to interact with Java Servlet.
* Implemented Multithreading, Concurrency, Exception Handling and Collections whenever necessary.
* Designed and implemented MongoDB based database and created REST enabled Web Services on Jersey framework.
* Application designed and developed using Java Core, J2EE, JMS, JavaScript, Spring MVC, Spring boot, Hibernate, Spring Integration, RESTful Services, UDP, TCP and Web Sockets.
* Used Test driven development (TDD) approach for application development.
* Involved in writing JSP components. Used JSTL Tag library to create standard dynamic web pages.
* Good knowledge on the spring modules like Spring IOC, Spring MVC, Spring Web flow, Spring AOP, Spring DAO and Spring Security.
* Configured application and embed Tomcat server using Spring Boot.
* Designed and developed Restful Services to retrieving configuration JSON documents related to customer.
* Implemented Persistence layer using Hibernate to interact with the Oracle database, Used Hibernate Framework for object relational mapping and persistence.
* Involved in development of Spring DAO layer which invoked database queries.
* Developed Oracle PL/SQL stored procedures and queries for payment release process and authorization process.
* Used Hibernate ORM tools which automate the mapping between IBM DB2 SQL databases and objects in Java.
* Developed various reusable helper and utility classes using Java Beans with Eclipse editor.
* Deployed and tested the application in UNIX on Web Logic Application Server.
* Created Maven build file to build the application.
* Used Log4j for debugging, testing, and maintaining the system state.

**Environment:** Spring boot, Restful Webservices, microservices

**Client: IBM/AT&T, India Oct 2018 - March 2019**

**Project Name: Aplhine**

**Role: Application Developer**

**Project Description:**

Aplhine is an online retail store for various electronic products and services, it mainly deals with Wi-Fi and TV broad band services for home.

**Project Responsibilities:**

* Shared services will take the data from upstream and manipulate the data by adding required fields and by deriving fields with already existing fields to make compatible JSON request form for downstream applications, USL fulfilment and External services together called shared services.
* Environment web services, microservices

**Client: TCS/CISCO, India Jan 2016 – Sep 2018**

**Role: Java Developer**

**Roles & Responsibilities of InfoPro**

* Worked as a Team lead for API Development team.
* Upgraded UI design from jQuery to Angular Js
* Provided support for lower environment issues.
* Involved in daily status reporting and official meetings.
* Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
* Created custom service automation framework using technology maven and spring framework.
* Developed Web applications using Java, J2EE, and Hibernate.
* In-depth understanding of data structures and algorithms
* Actively involved in coding using Java 1.8, spring 4.x to develop features from end to end.
* Designed and implemented an application using Spring MVC, Spring IOC, Spring Transactions, Dependency Injection using Spring Annotations, Spring AOP, Spring Container-managed transactions, and hibernate.
* Used Spring Security for authentication and authorization of users, Spring JDBC for easy database operations using JDBC template and Spring Boot for easy bootstrap applications from scratch.
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Used Test Driven Development (TDD), Unit Tests (Junit, Mockito), Gradle, Radar issue navigator, GIT as a part of everyday tasks.
* Developed the unit test cases in Test Driven Development (TDD) and mock testing using JUNIT and Mockito frameworks.
* Used spring's test framework to create integration tests for various spring controllers to test our API using unit tests.
* Implemented RESTful Web services to retrieve data from client side and made REST API calls from Node JS, parsed the data to project to client and handled the security and Authorization using Spring Security or OAuth.
* Wrapped the web application to desktop application using electron.js.
* Led cross-team project to launch first containerized application leveraging Docker and Kubernetes in Google Cloud Platform (GCP)
* Set-up databases in GCP using RDS, storage using S3 bucket and configuring instance backups to S3 bucket. Prototype CI/CD system with Kubernetes and Docker for the runtime environment for the CI/CD systems to build and test and deploy.
* Building/Maintaining Docker/ Kubernetes container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP O Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Developed Data Access Layer using Hibernate ORM framework, Spring JDBC and Spring Transactions.

**Client: Accenture/Bank of America, India Aug 2013 to Dec 2015**

**Project Name: Export IT**

**Role: API Developer**

**Project Description**

Export IT is mainly to check export compliance against each order that will be delivered from Cisco. We have many boundaries using this application and validate their orders whether they are export compliant or not. We had one webservice developed to act as middle ware between cisco internal applications and GTM tool. Also, we had two more applications to overcome the flaws in GTM tool.

**Project Responsibilities**

* Worked as a Team lead for Java team.
* Worked as a developer.
* Developed Web applications using Java, J2EE, and Hibernate.
* In-depth understanding of data structures and algorithms
* Actively involved in coding using Java 1.8, spring 4.x to develop features from end to end.
* Designed and implemented an application using Spring MVC, Spring IOC, Spring Transactions, Dependency Injection using Spring Annotations, Spring AOP, Spring Container-managed transactions, and hibernate.
* Used Spring Security for authentication and authorization of users, Spring JDBC for easy database operations using JDBC template and Spring Boot for easy bootstrap applications from scratch.
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Used Test Driven Development (TDD), Unit Tests (Junit, Mockito), Gradle, Radar issue navigator, GIT as a part of everyday tasks.

**Environment**: Java, Spring MVC, Angular Js

**Client: Accenture/Starwood Hotels & Resorts worldwide Inc Dec 2011 - July 2013**

**Role: Programmer Project Description**

* It is an online booking tool that helps improve customer’s experience process with Starwood. Star Groups makes meeting planning so much easier and more efficient! A customized website is created for any upcoming group, with logos, documents, messages, and even the clients very own personalized URL.
* Star Groups assists property users to create the website for any upcoming event at the property (hotel). All event related details, contact person details and suite details including terms and conditions of the property form a part of the customized website which is created.

**Project Responsibilities**

* Worked as a Developer
* Provided support for production issues.
* Provided support for lower environment issues.
* Involved in daily status reporting and official meetings.

**Environment:** J2EE, STRUTS, Java Script