SUREKHA TECHNOLOGIES
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Resume

Java Developer

SUMMARY:

2 years and 1 months of experience in:

- Java based web applications development and customization.
- Integration of web applications with REST APIs and other third party APIs.
- Worked with multithreading, thread, connection pooling.
- Aware about data structure and algorithms.
- Experience in PostgreSQL and Mysql from the database side.
- Familiar with AWS Services i.e. EC2, S3, SNS, SQS.
- Worked on configuring CI/CD for auto deployment.
- Experience of working with Docker.
- Aware about the complete development life cycle of a product adopted at end-to-end software design & development including requirement gathering, documentation, coding & unit & integration testing.
- Worked extensively in the Agile Development process.

SKILLS:

Operating System	Linux, Windows
Languages	Core Java, JavaScript
Web Development	JSP, Servlets, JSON, REST API, Spring, Spring Boot, J2EE, JPA, SOAP, OpenAPI
Database	PostgreSQL, MySql
Web/App Servers	Apache WebServer, Nginx
Version Control	Git, Bitbucket
IDEs & Other Tools	Maven, Gradle, Spring Tool Suite, IntelliJ, Jira, Confluence, Agile Methodology

EXPERIENCE DETAILS:

1. **Web portal for API Management System:** API portal provides a platform for calling and publishing Organization's internal, customer and partner APIs and sharing information about APIs to users, developers, administrators, architects, business and other relevant stakeholders.

My Contribution	▪ Administration of Kanban Board | Api Dashboard | Reports Visualization of Testing and Traffic Handling Data. ▪ Feature Development Related to Api Portal System like Skip-Check Reason, Prototype Configurations, and Encoding String Check in existing servers. ▪ Testing : Unit Testing, Integration Testing, Smoke Test for Api's ▪ Api Creation, Api Subscription, Deployment to different environments ▪ Understanding system architecture and business needs with Solution Architects, Integration Architects, and Business Managers. ▪ Solving Bug issues for clients and stakeholders as per business requirements like token validation, server configuration, subscription testing, support tasks . ▪ Documentation Writing
Platform	Web - Java

Development Tools	Core Java, Soap web services, Https Protocol, Nginx, Open Api, Jenkins, Docker, Confluence, JIRA, BitBucket, Git

2. **Portal for Internet Of Things:** This Project was regarding sensor detecting values and storing it into Database and providing graphs. Different types of Sensors were used in this project. Hourly data volume has to be calculated accordingly. Graphs were plotted using real time sensor data and alerts were implemented.

My Contribution	▪ Prepare and deliver a demo for Sensor data threshold. ▪ Understanding project requirements and source code. ▪ Solved Issues for sensor data and payload conversion. ▪ Implementation of Alerts and Graphs for the real time data from sensors. ▪ Creating and deploying azure functions using a serverless framework ▪ Sending Mail Notification using grafana and influx data for particular threshold. ▪ Azure Tasks for checking inbound-outbound ip-address for azure functions.
Platform	Web - Java
Development Tools	Java 8, Influx DB, Grafana, Azure [Azure Functions, Blob Storage]

3. **Content Management System:** The Project is about fastest access to answers, better data discovery and a more tailored experience to help solve engineering problems. It helps users to gain access to many books, pdf, materials, compounds, and elements information easily for their research project and real-life engineering problems.

My Contribution	▪ Understanding and defining business requirements to deliver solutions. ▪ Data extraction, crawling, scrapping, data mining, file system extraction (xml, pdf, docs) ▪ Domain expertise in Web, CMS, Scientific Publisher, Search Engine Building. ▪ Responsible for designing and implementation of Rest Api [Infrastructure as a code for their security management]. ▪ Worked on code review as well as implementing code as per coding standards. ▪ Understanding bugs and resolving the same from JIRA Board. ▪ Giving Solutions for Search Engine of online digital library, with 30 millions revenue per year. ▪ During development, I provided proof of concepts, level of effort and coordinated with the project manager and product service teams. ▪ Automating and Scripting for manual tasks like file Checking, Xml file Comparisons, Solr data conversion to csv. ▪ Participating in problem solving discussions to ensure systems are designed for right problems.
Platform	Web - Java

Development Tools	Java, AWS services[S3, Sqs, Sns, Ec2], Docker, CICD, Github, Confluence, Spring Framework, Rest Api, Mysql, Apache Solr, JIRA, Git, Putty, Shell Scripting

4. **Ride Pool System:** This project is aimed to provide convenience to the commuters for their daily transportation.It also provides employment benefits to the drivers as well as efficiency to the passengers. The system is used to solve the traffic congestion problem and can be helpful in reducing pollution. Passengers are matched to a car going the same way with a vacant seat in real-time and have a safe, reliable and cheap ride to their destination.

My Contribution	▪ Database Design, Data Dictionary Implementation. ▪ Project Design and Workflow. ▪ Developing RestFul web Services using Spring Framework. ▪ Developing User Interface for Online Booking Service and Integrating with Restful web services. ▪ Implementation of OAuth mechanism for securing web api data. ▪ Creation of SRS & Diagrams related to System Workflow. ▪ Writing test Cases for the rest service data.
Platform	Web - Java
Development Tools	Java, Spring Boot, JavaScript, Maven, MySql, Docker, Github, Html, Css, Ajax, Rest-Web Services.