




ANKITH REDDY

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OBJECTIVE

Dynamic software developer skilled in Java and Spring Boot, adept at solving intricate problems. Seeking a full-stack role to design comprehensive solutions from end to end. Committed to personal and company growth, aspiring to lead a development team. Eager to apply technical expertise and problem-solving skills in a forward-thinking company.

EXPERIENCE

Senior Software Engineer | Informatica

AUG 2022 – CURRENT

- Achieved the INFA Star award for innovating and enhancing the Advanced Cloud Integration Product.
- Led the Development Team in the creation of a cutting-edge ELT product, serving as the Dev Lead for the Connectivity Team.
- Optimized the Snowflake connector within Informatica PC2Cloud by implementing GZIP compression and leveraging Java Threads, resulting in a remarkable performance enhancement of 72.99%.

KEY SKILLS – Core Java, Snowflake Data Warehouse, Perforce, Swarm, Maven, TestNG, Informatica Cloud Data Integration, Docker, Portainer.

Application Engineer | Oracle

APR 2021 – AUG 2022

- Engineered the integration of mail microservices with Hashicorp Vault to ensure compliance with FedRAMP standards.
- Collaborated with the Ops team to streamline deployment processes, ensuring rapid and seamless deployments for swift implementation of changes.
- Undertook a new OJET micro frontend project to enhance the mail services.

KEY SKILLS – Java, Spring boot, Spring Security, AngularJS, Git, Docker, Maven, Gradle, HTML, CSS, JavaScript, PostgreSQL, ActiveMQ, Hashicorp Vault, Terraform.

Application Developer | Oracle

JUN 2019 – MAR 2021

- Engaged as a full stack developer, responsible for developing and managing both backend and frontend content for Aconex.
- Implemented server deployment and actively maintained servers, gaining practical experience in server administration.
- Conducted comprehensive audits using Linux commands on logs and proficiently utilized tools like Kibana for thorough system analysis.
- Spearheaded the implementation of authentication for the mail microservice, fortifying data protection to safeguard sensitive user information.

KEY SKILLS – Java, Spring boot, Spring Security, AngularJS, Git, Docker, Gradle, HTML, CSS, JavaScript, PostgreSQL.

EDUCATION

BTech in Electronics and Communication | Vellore Institute of Technology

2015-2019

GPA – 8.89/10

SKILLS

PROGRAMMING LANGUAGES AND FRAMEWORKS

Core Java, Spring Boot, Spring Security, AngularJS, HTML, CSS, JavaScript, Design Patterns

DEVELOPMENT TOOLS AND ENVIRONMENT

YourKit, Jenkins, Git, Gitlab, Docker, Maven, Gradle, Fortify, Ansible, Liquibase, Terraform, Perforce, Redhat OS, Helix Swarm, Portainer

DATABASE AND DATA TOOLS

PostgreSQL, Snowflake Data Warehouse, Hashicorp Vault, Informatica Cloud Data Integration

TESTING AND QUALITY ASSURANCE

Mockito, TestNG, react-testing-framework

SOFTWARE DESIGN AND ARCHITECTURE

Low level design, High Level Design, Microservices

SEARCH AND INDEXING

Lucene

MESSAGING AND MIDDLEWARE

ActiveMQ

PROJECT MANAGEMENT AND COLLABORATION

Jira, Confluence

PROJECT

Location Based Service

Developed a Location-Based Service, simulating a scaled-down version of Google Maps. The application displays nearby locations and incorporates advanced filtering options based on location name, type, and proximity.

- **INTERACTIVE MAPPING INTERFACE:** Integrated the powerful Leaflet JS mapping library with React, harnessing its potential to create an engaging and responsive user interface.
- **CUSTOM DATA INTEGRATION:** Engineered and implemented custom data structures, seamlessly integrating them into a robust database. Leveraged Spring Boot to expose this data through Rest APIs, enhancing the platform's adaptability and responsiveness.
- **SYNERGY OF SPRING BOOT AND REACT:** Orchestrated the convergence of Spring Boot and React, utilizing their combined prowess to achieve a sophisticated and seamless project synergy.
- **INNOVATIVE USER EXPERIENCE:** Explored and executed methods to manipulate Leaflet JS for custom marker display, akin to popular mapping functionalities, providing users with a unique and interactive experience.
- **COMPREHENSIVE SEARCH FUNCTIONALITY:** Crafted and implemented an extensive search mechanism for both frontend and backend, significantly elevating the overall user experience.

KEY SKILLS – React, Java, Spring Boot, PostgreSQL with PostGIS, react-testing-framework, TestNG, Mockito, HTML, CSS, Gradle, Lombok

PROJECT LINK - github.com/ankith10ar/LocationBasedService/