HARISH KUMAR

SOFTWARE DEVELOPER

CONTACT

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EDUCATION

Aug 2022 - Dec 2023

UNIVERSITY OF CENTRAL MISSOURI

- Master of Science in Computer Science

Aug 2015 - Jun 2019

MVSR ENGINEERING COLLEGE

- Bachelor of Engineering

SKILLS

- Java 8+, J2EE
- Spring Boot, Spring Cloud, Spring Security, Spring Data JPA, Hibernate, Angular, React
- Microservices &REST API Development
- AWS (EC2, S3, RDS), Docker, Jenkins, Maven
- MySQL, Elasticsearch
- Apache Kafka
- ELK Stack, Sleuth, Zipkin
- JUnit, Mockito
- Git, JIRA, Agile

PROJECTS

- Investment Portfolio Management System
- Retail Management System
- Health care dashboard
- AWS Cloud-Based Food Order and Management System
- AWS Cloud-Based Password Manager
- Drunk and drowsiness detection using Raspberry-pi

PROFILE SUMMARY

Experienced Java Developer with expertise in developing web applications using **Microservices** Architecture. Proficient in Cloud technologies, **API Gateway**, **OpenFeign**, and **Resilience4j**. Skilled in **Spring Boot**, Spring Security, AOP, and JPA, with a strong grasp of **Java 8** features like Lambda expressions, Functional Interfaces, and Stream API. Good at building **REST APIs** and ensuring secure authentication using **JWT**. Hands-on experience with **ELK** stack, and Apache **Kafka** for messaging. Familiar with **Docker** for containerized deployments and **AWS** services like RDS, S3, and EC2. Worked with **JUnit** for unit testing and **Mockito**, using **Git** for version Control, following **Agile** methodologies and using **JIRA** for project management.

WORK EXPERIENCE

Vanguard   AUG 2023-PRESENT

Java Developer

- Developed micro-services for Portfolio Management, Transaction Processing and Market Data Services using Spring Boot, Spring Cloud, Spring Security, and Spring Data JPA.
- Developed **REST API**s to publish application endpoints and secure endpoints using Spring security and **JWT**.
- Implemented **Openfeign** to inter process communication with another micro.
- Integrated Fault Tolerance service to handle application failures using **Circuit Breaker** pattern.
- Developed a responsive front-end for the Wealth Management Platform using **Angular**, integrating it with backend microservices via REST APIs for real-time portfolio updates and transaction processing.
- Created services repository class to communicate with database using **MySQL** and **Elasticsearch**
- Developed Producer/Consumer application for communication with messages using Apache **Kafka**
- Used **Docker** for creating docker images and compose tools in the development environment to deploy services.
- Application performance of each microservice monitored by using **Sleuth** and **Zipkin**
- Integrated application with AWS services such as EC2, S3 and RDS
- Integrated centralized logging system for distributed services using **ELK** stack.
- Utilized the **Agile** software development process to manage project life cycle, Used **Git** for version control and used **Jira** for tracking features development activity and bug management.

TCS   SEP 2019 -JUL 2022

Java Developer

- Developed Microservices for Product Search service, Inventory service, and Notification service using spring boot, spring cloud and spring data JPA.
- Implemented synchronous communication using OpenFeign rest client and messaging communication using Apache Kafka.
- Utilized Resiliance4j api for providing Fault tolerance and handled application request Latency.
- Used Swagger tool for documentation of APIs and utilized Slf4J and Logback for logging.
- Implemented Authentication and Authorization using Spring Security to secure endpoints.
- Used Elastic Search database for storing documents related to products.
- Implemented API Gateway integration pattern for security and fault tolerance.
- Developed distributing tracking system and logging system by using Sleuth-Zipkin and ELK stack.
- Used Container based deployment by using Docker to deploy microservices applications on multiple environments.
- Used Git for version control and Jenkins for Build and deployment
- Oversaw the creation of engaging content for various platforms, collaborating with internal teams and external agencies to ensure brand consistency and relevance.

Axness Technologies Pvt Ltd   JAN 2019-AUG 2019

Associate Software Developer

- Worked multiple modules like Patient/Case-Summarization Service and Rehabilitation Service using Spring Boot.
- Implemented Rest API and persisted data into the database and manage application transaction.
- Used Spring Actuator for checking health, Info and Metrics of the running application.
- Developed Coordinator Service for monitor the performance of Microservices using Sleuth-Zipkin.
- Used Docker to automate the deployment of applications inside containers.
- Used Git as Version Control Tool and worked in Agile environment.
- Worked with Junit and Mockito framework for unit and integration testing.
- Used Maven to build and manage projects and GitHub for code repository and version control

Certifications:

- AWS Cloud developer Associate
- Oracle Certified Associate, Java SE 8 Programmer I(OCAJP)