Shreenidhi M C

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Objective

Dynamic and results-oriented Software Engineer with over 4 years of experience in developing robust code for high-volume businesses. Specializes in Java and Spring Boot with a proven track record in enhancing existing software systems and developing new solutions to drive business success. Eager to bring top-class backend development and problem-solving skills to a forward-thinking company in the technology sector.

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Work Experience

Software Engineer | Hanriver, Kolkata

May 2023 - Present

• Lead developer on the SSO SmartFarm and SmartRoot projects, utilizing Spring Boot, Java, Docker, PostgreSQL, and MySQL to create scalable, efficient backend solutions.

• Implemented robust security measures and authentication processes using Spring Security, significantly reducing vulnerabilities.

• Facilitated the containerization of applications using Docker, improving deployment efficiency and environment consistency across development, testing, and production.

• Conducted performance tuning and optimization of backend services, leading to a 20% increase in application response times.

Backend Developer | Kingston Info Solution Services

April 2020 - April 2023

• Developed and maintained the MFS Bulk Payment system, a critical infrastructure project that handled secure, high-volume transactions using Java, Spring Boot, and Hibernate.

• Applied best practices in code quality and maintainability, incorporating Log4J and Spring AOP for efficient logging and error handling.

• Collaborated with cross-functional teams to define and implement new features, enhancing the overall functionality and user experience of the system.

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Skills

• **Languages:** Java, Python

• **Frameworks/Technologies:** Spring Boot, Spring MVC, Hibernate, Spring Security, Servlets, JPA, FastAPI.

• **Databases:** MySQL, PostgreSQL, MongoDB, RDBMS (MySQL/Postgres/Oracle), NoSQL

• **Tools & Build Systems:** Maven, Gradle, Docker, Git.

• **Concepts:** Microservices Architecture, RESTful APIs, CI/CD, Performance Optimization, Caching, Application Resiliency, Security.

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Education

Bachelor of Engineering in Computer Science

Visvesvaraya Technological University, 2020

RNS Institute of Technology, Bangalore

Diploma in Computer Science

DTE, 2016

PES University, Bangalore

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Projects

SmartFarm | Hanriver

• Developed a routing and task management platform for smart farms, focusing on optimizing schedules for farming services. The project was built using Spring Boot and leveraged monolithic architecture to ensure scalability and resilience.

SmartRoot | Hanriver

• A scalable solution for farm management, integrating IoT devices and providing real-time data analytics to farmers. Utilized Java Spring Boot for backend services, Docker for containerization.

MFS Bulk Payment | Kingston Info Solution Services

• A secure, high-performance bulk payment processing system designed for financial institutions, enabling the handling of large-volume transactions with high reliability and security.

Other Projects

https://www.youtube.com/watch?v=7V9IQ3rcZ0E&t=16s&ab_channel=shree_shindi