Shreenidhi M C

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Objective

I'm a results-driven Software Engineer with nearly 5 years of experience building reliable and efficient solutions for high-demand businesses. I specialize in Java and Spring Boot, with a solid track record of improving existing systems and creating new ones that drive success. I'm excited to bring my backend development expertise and problem-solving skills to a tech-forward company ready to tackle new challenges.

Professional Experience

Senior Software Engineer | flycatch tech, Kochi (Remote)

Aug 2024 – present

Contributed to **AwayTogether**, a hotel entertainment, user engagement, and management system, by developing backend solutions using **Spring Boot , MySQL , docker .**

Implemented custom tools like a **jukebox**, **food menu creation system**, and **activity scheduler** to enhance guest experiences and streamline hotel operations.

Migrated the entire backend system of the company's website from a **Django-based architecture** to a modern **Strapi-based CMS**, ensuring consistency in API structure and logic across all modules.

Software Engineer | Hanriver, Kolkata (Remote)

May 2023 – July 2024

Lead developer on the SSO SmartFarm and SmartRoot projects, utilizing Spring Boot, Java, Docker, PostgreSQL, for 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 (on-site)

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.

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

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

Projects

AwayTogether| flycatch tech

Developed **AwayTogether**, a hotel entertainment, user engagement, and management platform, focusing on backend solutions using **Spring Boot**, **MySQL**, and **Docker** to ensure efficient operations and enhanced guest experiences.

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.

Smart Root | 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.