

Shreenidhi M C

Senior Software Engineer – Backend

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Professional Summary

Results-driven Software Engineer with 5 years of experience in backend development, specializing in Java, Spring Boot, and cloud-based deployment environments. Proven track record of delivering high-quality, scalable software solutions in Agile teams. Skilled in optimizing performance, ensuring application security, and improving system resilience. Seeking to contribute to a tech-forward company ready to tackle challenging projects.

Core Skills

Java, Python, Spring Boot, Spring MVC, Hibernate, Spring Security, Servlets, JPA, FastAPI, MySQL, PostgreSQL, MongoDB, RDBMS, NoSQL, Maven, Gradle, Docker, Git, Microservices, RESTful APIs, CI/CD, React.js, Next.js.

Experience

Senior Software Engineer | Flycatch Tech | Aug 2024 - Present

- Delivered backend solutions for **AwayTogether** and **Authentication Core** systems using Spring Boot (java) , MySQL, and Docker.
- Built custom tools (jukebox, activity scheduler) to improve guest engagement.
- Migrated backend services to Strapi-based CMS ensuring consistent API design.

Software Engineer | Hanriver | May 2023 – Jul 2024

- Led development of **SmartFarm**, a vertical farm ERP system, and **SmartRoot**, an IoT-enabled farm management platform, using Spring Boot, Java, Docker, and PostgreSQL.
- Implemented Single Sign-On (SSO) authentication with Spring Security, enabling seamless access across multiple farm management applications while protecting sensitive agricultural data.
- Containerized applications with Docker for smoother deployments and environment consistency.
- Conducted performance tuning, improving API response times by 20%.

Backend Developer | Kingston Info Solution Services | Apr 2020 – Apr 2023

- Developed and maintained the **MFS Bulk Payment** system for secure, high-volume financial transactions using Java, Spring Boot, and MySQL.
- Improved logging and error handling using **Log4J** and **Spring AOP**, enhancing system maintainability.
- Optimized database queries and introduced caching mechanisms, reducing bulk transaction processing time by **15%**.

Education

- **Bachelor of Engineering in Information Science** | RNSIT | 2020
- **Diploma in Computer Science** | PES University | 2016

Key Projects

- **AwayTogether** – Hotel management platform using Spring Boot, MySQL, Docker.
- **Authentication Core** – Pluggable authentication module for multiple Spring Boot applications.
- **SmartFarm** – Task routing system for smart farms using Spring Boot.
- **Smart Root** – IoT-enabled farm management solution with real-time analytics.
- **MFS Bulk Payment** – Secure, high-performance bulk payment system.