DINESH KUMAR R

Java Full-Stack Developer | Software Engineer | Spring Boot Developer

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Portfolio | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Java Full-Stack Developer with hands-on experience across 6+ projects and internships, building REST APIs and enterprise-style applications with Spring Boot, MySQL, and MVC architecture. Cut deployment time by 40% by introducing CI/CD pipelines and improved data-entry efficiency by 30% through automated CRUD workflows. Skilled in Core Java, Spring Boot, Microservices, JavaScript, and Power BI, with JUnit-tested code averaging 80%+ coverage and a solid grounding in Agile/Scrum delivery. Looking to bring this full-stack, production-minded approach to a Software Engineer or Spring Boot Developer role at a growth-focused engineering team.

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL
Frameworks & Build Tools: Spring Boot, Spring MVC, Hibernate/JPA, Django, Flask, JUnit, Maven, Gradle
Architecture: Microservices, REST APIs, MVC Architecture
Web Technologies: HTML5, CSS3, Bootstrap, Java Servlets
Database: MySQL
DevOps & Cloud: CI/CD Pipelines, AWS (Cloud Fundamentals)
Data & Analytics: Power BI, Data Visualization, Data Querying
Methodologies: Agile/Scrum, OOP, CRUD Operations, Responsive Web Design
Tools: Git, VS Code, Postman, Eclipse

EXPERIENCE

Web Development Intern | Codsoft *Feb 2025 – Mar 2025 | Chennai*

- Built 5+ responsive, cross-browser websites using HTML5, CSS3, JavaScript, and Bootstrap as part of a 3-person collaborative development workflow.

Python Full-Stack Developer Intern | Altruisty Innovation Pvt. Ltd *Jul 2025 – Aug 2025 | Chennai*

- Developed full-stack web applications using Python, Django, Flask, and MySQL, supporting 4+ core modules.
- Implemented backend integration and CRUD operations, reducing manual data-entry effort by an estimated 30%.

PROJECTS

ATM Machine Simulation | Java *Feb 2025*

- Developed a Java console application simulating ATM operations (authentication, balance inquiry, withdrawal, deposit) using OOP principles.

Personal Portfolio Website | HTML, CSS, JavaScript, Bootstrap *May 2025*

- Designed and deployed a responsive portfolio site with interactive UI, live at rdineshkumar.netlify.app.

College Management System | HTML, CSS, JavaScript, Java Servlets, MySQL *Aug 2025*

- Built a web-based system to manage 500+ student records with full CRUD functionality using Java Servlets and MySQL, following MVC architecture.

Car Rental Management System | Java, Spring Boot, MySQL, REST API *May 2026*

- Built a full-stack car rental platform with 12+ Spring Boot REST endpoints for vehicle inventory, booking, and billing, using Agile sprints and a CI/CD pipeline that cut deployment time by 40%.

Foreign Trading System | Java, Spring Boot, MySQL, REST API *Jun 2026*

- Designed a microservices-based currency trading application with Spring Boot supporting 10+ currency pairs, trade order processing, and transaction history using a layered service architecture.

Advanced Banking Management System | Java, Spring Boot, MySQL, REST API *Mar 2026*

- Engineered a banking application handling 1,000+ simulated accounts and transactions with fund transfers and statement generation using Spring Boot, MySQL, and MVC architecture.
- Built with Maven and unit-tested using JUnit, achieving 80%+ code coverage across core service classes.

Advanced Hospital Management System | Java, Spring Boot, MySQL, REST API *Jan 2025*

- Built a hospital management platform covering patient registration, appointment scheduling, and billing for 300+ patient and doctor records using Spring Boot REST APIs and a normalized MySQL schema.

EDUCATION

B.Tech, Computer Science and Business Systems | Mohamed Sathak AJ College of Engineering *2023 – 2027 | Chennai*
CGPA: 7.95

Higher Secondary (Computer Science) | C.S.I. Corley Hr. Sec. School *Mar 2022 – Mar 2023 | Chennai*
Score: 79%

CERTIFICATIONS & LANGUAGES

Power BI — Microsoft (Oct 2025) | Database and SQL — Infosys Springboard (Jun 2025) | Java Programming — Programming Hero (Mar 2025) | Web Development — Programming Hero (Feb 2025)
Languages: Tamil, English