

Raman Kumar

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Summary

Java Spring Boot Developer | Backend Specialization | Seeking Internship Opportunities

Skills & Technical Proficiencies

Languages & Frameworks: Java (Core & Advanced), Object-Oriented Programming (OOP), Spring Framework (Spring Boot, Spring ORM, Spring Web, JavaMailSender, Spring Cloud, Spring Test)

Development Tools & Practices: Data Structures & Algorithms (DSA), RESTful API Design, Microservices, Open-source contributions, Maven & Gradle, Spring Security, Spring AOP, Spring MVC, JUnit & Mockito

Cloud & Deployment: Docker, AWS

Frontend: HTML, CSS, JavaScript, React.js

Version Control: Git, GitHub

Database Management: MySQL, H2 Database

IDEs: IntelliJ IDEA, VS Code, Eclipse

Open Source Contributions & Projects

Universal Media Server (Open Source Contribution) [Java, Maven] [Contribution Link](#)

- Automated the build process by enhancing Maven profile selection to adapt to OS-related parameters such as architecture, version, and family.
- Streamlined cross-platform development, reducing complexity and increasing efficiency by 20% by eliminating the need for manual profile selection.

Eclipse-jkube/jkube (Open Source Contribution) [Java] [Contribution Link](#)

- Improved code quality by clearing redundant code, reducing technical debt by 10%.
- Updated deprecated methods in Kubernetes Service Test, ensuring compatibility and maintainability.

Microservices_Java WebApp (Project) [Java, Spring Boot, Spring Cloud, Docker] [GitHub Link](#)

- Designed and implemented various microservices concepts using Spring Cloud.
- Gained hands-on experience with different aspects of microservices architecture.

Movie Booking System - Backend (Project) [Java, Spring Boot, Docker, AWS]

- Designed and implemented various REST APIs to handle movie bookings, seat reservations & show scheduling.
- Automated email notifications via SMTP for booking confirmations.

Education

Dr. Akhilesh Das Gupta Institute of Professional Studies, GGSIPU - New Delhi [June 2024](#)

- **Stream:** B.Tech in Computer Science and Engineering
- **Performance:** 85.40% [5551 / 6500]

Integrated Institute of Technology, BTE - New Delhi [June 2018](#)

- **Stream:** Diploma in Information Technology ESM
- **Performance:** 70% [1612/2300]

Additional Certification

Spring Boot 3 & Spring Framework 6 with Java, Udemy Course: Gained expertise in creating RESTful APIs, managing databases, implementing security, using build tools and deploying applications.