Raman Kumar

kraman938@gmail.com | Mobile | LinkedIn | GitHub | Portfolio | New Delhi, India

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, JSON, XML, 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.