

Raman Kumar

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Summary

A dynamic backend developer with 2+ years of experience in building and optimizing Java applications. Contributed to open-source projects, and skilled in streamlining cloud deployments with AWS and Docker, and designing scalable REST APIs. Seeking to join a company as an intern to apply and further develop my skills.

Technical Skills

Languages & Frameworks: Java (Core, Advanced, OOPS), Spring Framework (Spring-Boot, Spring-ORM, Spring-Web, JavaMailSender, Spring-Cloud, Spring-Test)

Development Tools & Practices: Data Structures & Algorithms, open-source contribution, REST API, XML, Microservices, Apache Maven, Gradle, Spring-Security, AOP, MVC, JUnit, Mockito

Cloud & Deployment: Docker, Amazon Web Services

Frontend: React.js, HTML, CSS, Javascript

Version Control: Git, GitHub

Databases: MySQL, H2Db

IDEs: IntelliJ, VS-Code, Eclipse

Open Source Contributions & Projects

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

- Achieved a 20% boost in build process efficiency by automating OS-adaptive Maven profile selection, resulting in quicker build times and reduced manual intervention.

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

- Improved long-term project stability by updating deprecated and failing Kubernetes-Service-Test methods, reducing technical debt by 10% & ensuring compatibility with modern environments.

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

- Implemented microservices concepts with Spring Cloud, enhancing modularity and scalability of the application.
- Acquired practical skills in microservices architecture, contributing to more efficient deployment.

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

- Developed 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.