ADARSH KUMAR

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Summary

Analytical **Java Full Stack Developer** with 2+ years of hands-on experience in building scalable web applications using **Spring Boot**, **Microservices**, and **React.js**. Proven ability to optimize system performance by up to **40%**, reduce API response times by **30%**, and improve application reliability through containerized deployments using **Docker** and **Kubernetes**. Solved **1000+ DSA problems** across LeetCode, Code360, and GeeksforGeeks, demonstrating strong problem-solving and algorithmic thinking.

Education

B.P. Poddar Institute of Management and Technology   **2022 − 2026**
Bachelor of Technology in Computer Science and Engineering (CGPA: 7.94/10)   *Kolkata, WB*

Projects

Job Portal Web Application | *Spring Boot, Docker, MySQL, React, Kubernetes* *May 2025 – Present*
– Developed a full-stack job portal supporting **5K+ active users** with recruiter and applicant roles.
– Implemented secure **JWT-based authentication**, improving login reliability by **35%**.
– Integrated asynchronous workflows using RabbitMQ, enhancing request throughput by **40%**.
– Leveraged Spring Boot Actuator for observability, reducing downtime detection latency by **60%**.
– Containerized and deployed on Kubernetes clusters, achieving **99.9% uptime** and auto-scaling under load.

AI Chrome Extension for Gmail Replies | *Spring Boot, React, Chrome APIs Jan 2025 – Mar 2025*
– Built an AI-powered Chrome extension that generated **contextual Gmail replies 50% faster** than manual typing.
– Integrated a Spring Boot backend leveraging Gemini API, achieving **85% relevance accuracy** in responses.
– Optimized API response latency by **25%** through caching and asynchronous request handling.
– Developed a responsive React-based UI with seamless real-time integration with Gmail's DOM.

Technical Skills

Languages: Java, SQL, HTML, CSS, JavaScript
Frameworks/Tools: Spring Boot, React.js, RabbitMQ
Concepts: Microservices, REST APIs, OOP, DBMS, System Design
Databases: MySQL
Cloud/DevOps: AWS (EC2, S3), Docker, Kubernetes
Version Control: Git, GitHub, Postman

Achievements & Activities

– Completed **Cognizant Digital Nurture 4.0** training (Java Full Stack & Cloud) with **98% performance score**.
– Winner – **Tech Hunt, Techstorm Fest** (2 consecutive years) among 100+ participants.
– Led CSE Cricket Team as Captain, improving win ratio by **60%**; Volunteer, NSS Kolkata (Blood Donation Drive).

Coding Profiles

LeetCode: 450+ problems   **Code360: 450+ problems**   **GeeksforGeeks: 100+ problems**