Aadarsh Kumar Jha

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Professional Summary

Backend Engineer with experience building scalable microservices, optimizing databases, and contributing to LLM fine-tuning. Strong in Java, Spring Boot, Low level design and performance engineering.

Experience

Software Engineer — Backend - Turing   *Jul 2024 – Sep 2025 | Remote*

- Backend Development: Built and deployed scalable microservices using Java/Spring Boot, automating manual workflows and reducing support requests by 20%.
- Database Optimization: Enhanced PostgreSQL query performance through indexing and normalization, improving batch processing times significantly.
- AI Model Fine-Tuning: Collaborated with ML engineers to perform LLM fine-tuning (SFT + RLHF), improving accuracy of internal code suggestion tools.
- Agile Collaboration: Contributed to sprint planning and code reviews, maintaining high PR merge rate with minimal revisions.

Education

Kalinga Institute of Industrial Technology – Bhubaneswar, Odisha   *May 2024*
B.Tech in Computer Science & Engineering
CGPA: 8.99/10

Achievements & Certifications

Top 50 Global in LeetCode Biweekly Contest 150 (Rank 33)

Knight (2000+) Rating on LeetCode

Technical Skills

Java, SQL, C/C++, JavaScript, Spring Boot, React.js, Node.js, MongoDB, PostgreSQL, MySQL, IntelliJ, Git, Postman, Maven, Linux/Unix, REST APIs, Microservices, OOP, CI/CD, DBMS, Low Level Design, Express.js, Cloudinary, JWT, AWS S3
Languages: Java, SQL, C/C++, Python, JavaScript
Frameworks: Spring Boot, React.js, Node.js, Express.js
Databases: MongoDB, PostgreSQL, MySQL
Tools: IntelliJ, Git, Postman, Maven, Linux/Unix
Core Skills: REST APIs, Microservices, OOP, CI/CD, DBMS, Low Level Design
Other Technologies: Cloudinary, JWT, AWS S3

Projects

Full Stack Food Delivery Application

- Developed a production-grade food delivery platform with Spring Boot (REST API, JWT Security) backend and React (Vite, Bootstrap) frontend.
- Designed customer and admin portals enabling online orders, cart management, analytics, and real-time order tracking.
- Integrated secure online payments via RazorPay, handling complete payment workflows and transaction validations.
- Managed authentication and role-based authorization using JWT, ensuring secure API access.
- Leveraged MongoDB for scalable data storage and AWS S3 for optimized media hosting.

Multi-Vendor Platform (Multi-role system)

- Developed a scalable platform with portals for Seller, Buyer, and Admin, integrated with real-time synchronization and analytics.
- Built RESTful APIs with Node.js and MongoDB for efficient product search and order management.
- Implemented role-based authentication and optimized front-end using React.js for a seamless experience.