

AADARSH KUMAR JHA

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

EDUCATION

Kalinga Institute of Industrial Technology

Bachelor in Computer Science & Engineering (B.Tech), CGPA: 8.99/10

Bhubaneswar, Odisha

Aug 2020 – Jul 2024

EXPERIENCE

Turing

Remote

Software Engineer (LLM Engineer)

Jul 2024 – Sep 2025

- Built and deployed scalable microservices using **Java/Spring Boot**, automating manual workflows and reducing support requests by **20%**.
- Enhanced **PostgreSQL** query performance through indexing and normalization, improving batch processing times significantly.
- Collaborated with ML engineers to perform **LLM fine-tuning (SFT + RLHF)**, improving accuracy of internal code suggestion tools.
- Integrated and supported LLM powered services in production while contributing through Agile development and code reviews.

PROJECTS

• RAG Based Document Question Answering System | [Link](#)

- Built an end to end Retrieval Augmented Generation (RAG) system enabling semantic search and question answering over unstructured documents
- Implemented document chunking, embedding generation using Sentence Transformers, and vector similarity search with Pinecone
- Integrated Groq Llama 3.3 70B for context grounded answer generation and reduced hallucinations.
- Developed backend APIs using Node.js and TypeScript and a React based chat interface.

Technologies Used: Node.js, TypeScript, Express, React, Hugging Face, Sentence-Transformers, Pinecone, Groq (Llama-3.3-70B)

• Online Food Ordering & Delivery Platform | [Link](#)

- Built a production grade food delivery platform with a Spring Boot REST API backend and React frontend
- Implemented secure authentication and role based access using JWT and integrated online payments via Razorpay
- Designed scalable data storage using MongoDB and optimized media hosting with AWS S3

Technologies Used: Spring Boot, React, MongoDB, JWT, Razorpay, AWS S3

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C++

Frameworks: Spring Boot, React.js, Node.js, Express.js

Databases: PostgreSQL, MongoDB, MySQL

AI and LLM: Retrieval Augmented Generation, Sentence Transformers, Vector Search, Prompt Engineering

Tools: Git, Maven, Postman

Core CS: Object Oriented Programming, DBMS, Low Level Design

ACHIEVEMENTS & CERTIFICATIONS

- Ranked **Top 50 Globally** in **Leetcode Biweekly Contest 150 (Rank 33)**.
- **Knight (2000+ rated)** on **Leetcode**.