

# Angothu Rahul Naik

+91 8125961154 | angothurahulnaik4@gmail.com | linkedin.com/in/rahul-a-25992723a | github.com/arahuln

## EDUCATION

**Indian Institute of Technology (ISM), Dhanbad**  
*Bachelor of Technology in Computer Science and Engineering*

Dec 2021 – Apr 2025  
Dhanbad, Jharkhand

## EXPERIENCE

### Vibeneer

*Software Development Engineer*

Aug 2025 – Present

Hyderabad, India

- Crafted a distributed **scheduling system** with Celery, Amazon SQS (pointer pattern), Amazon S3, and ECS; handled **100K+/min posts** with idempotent APIs and monitoring. Also Programmed a **recommendation engine** using embeddings, TF-IDF, Redis, and feedback signals, reducing latency by **70%**.
- Engineered a modular **payment gateway** in Node.js & TypeScript with Razorpay API; deployed on **AWS ECS, S3, and Docker with CI/CD**, enabling secure and scalable transaction processing.

### MAQ Software

*Software Engineer-I*

May 2025 – Jul 2025

Noida, India

- Developed **predictive ML models** in Python/Azure for certification demand forecasting and optimized **RAG + LLM pipelines**, achieving **76% faster queries** and **40% better analytics**.

### Exposys Data Labs

*Software Engineer Intern*

May 2024 – Jun 2024

Bengaluru, India

- Enhanced a **MERN social platform** by integrating **NLP moderation pipelines** using Perspective API and BART-MNLI, improving harmful content detection to **93% accuracy**.
- Built **anomaly detection for login security**, blocking **85%+ threats** and reducing recovery requests by **40%**.

### WhatTheFruit

*Freelance Full Stack Developer*

Mar 2023 – Apr 2024

Nagpur, India

- Devised a **MERN-based fruit & juice delivery platform** with **Razorpay integration** and a **load-balanced backend** (99.9% uptime), processing **2,500+ monthly orders** and reducing cart drop-offs by **30%**.

## PROJECTS

### LinkedIn Agent | Python, Ollama, LangChain, NVIDIA AI

2024

- Delivered an AI-powered job search and resume optimizer using **Ollama + LangChain**, integrating LinkedIn job scraping and cosine similarity for job-resume matching.
- Implemented **AI-driven resume enhancement** via NVIDIA AI endpoints with PDF/DOCX parsing and structured data pipelines.

### AI Doctor | Python, PyTorch, DistilBERT, Streamlit, LangChain

May 2022 – Jun 2022

- Executed an **AI-powered medical assistant** predicting **41 diseases** using a fine-tuned **DistilBERT model** on symptom-disease datasets, with confidence scores and a **Streamlit interface** for usage.
- Integrated a lightweight **RAG pipeline with LLMs** and web search to fetch concise medical guidance.

## ALGORITHMIC COMPETITIONS/ACHIEVEMENTS

- **Global Rank 1228** - Meta Hacker Cup Round-1 (2024)
- **AIR 7512** in JEE Mains and **AIR 6227** in JEE Advanced among 1M+ candidates (2021)
- **Knight (2000+ rated)** on LeetCode
- **Specialist at CodeForces**
- **4 Star Coder at CodeChef**

## TECHNICAL SKILLS

**Languages:** Java, Python, C, C++, SQL (Postgres), JavaScript, TypeScript, HTML/CSS

**Frameworks:** Spring Boot, React.js, Node.js, Flask, FastAPI, Express.js, MongoDB, LangChain

**Developer Tools:** Git, Docker, VS Code, CI/CD Pipelines

**Cloud & Services:** AWS (S3, SQS, ECS, Load Balancer), Razorpay API, REST APIs, NVIDIA AI Endpoints

**Others:** RecSys (Embeddings, TF-IDF), DSA, OOP, OS, CN, DBMS, ML, DL