

SHRI OMM DAS

+91 9560963712 | ommd28407@gmail.com | LinkedIn | GitHub

EDUCATION

National Institute of Technology, Rourkela

Bachelor of Technology in Computer Science and Engineering

June 2026

Rourkela, Odisha

Kendriya Vidyalaya Andrews Ganj

Class XII – CBSE

2022

New Delhi, India

Kendriya Vidyalaya Andrews Ganj

Class X – CBSE

2020

New Delhi, India

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Database Management Systems
- Object-Oriented Programming
- Operating Systems
- Computer Networks
- Software Engineering

WORK EXPERIENCE

Star Union Dai-ichi Life Insurance

Software Development Intern

Jan 2026 – Jun 2026

India

- Developed and supported Python-based backend APIs and workflows for enterprise technology projects.
- Built and tested API functionality using FastAPI, focusing on request handling, integration, and reliability.
- Contributed to automation-oriented and AI-enabled workflows, validating outputs and refining requirements with stakeholders.
- Supported debugging, testing, technical documentation, and deployment-readiness activities.

Quizzy

Software Development Engineer Intern

May 2025 – Jul 2025

India

- Contributed to application feature development and software implementation tasks in a collaborative engineering environment.
- Supported testing, debugging, and iterative improvements to application functionality and reliability.

PROJECTS

SOC-AI: Local Security Log Summarization & Alert Triage | Python, FastAPI, Ollama/Qwen, OpenTelemetry, Grafana, Loki, Docker

- Built a local-first security operations workflow to summarize logs and triage alerts while keeping log data within the local environment.
- Implemented rule-based risk scoring for Windows Event IDs and integrated log processing with a locally hosted LLM analysis pipeline.

Face Match Verification System | Python, FastAPI, InsightFace/ArcFace, ONNX

- Developed a KYC face-verification API comparing document and live-image embeddings using cosine similarity and configurable thresholds.
- Integrated face detection and embedding extraction to support identity-verification workflows.

Solo System – Gamified Self-Improvement Platform | Full-Stack Development

- Developed an RPG-inspired self-improvement product combining goals, quests, workouts, habits, and progress tracking.
- Built dashboard, workout, quest, and profile modules to help users track activities and personal progression.
- Designed an XP, levels, and character-stat progression system to reward consistency and goal completion.

ACHIEVEMENTS

- Secured All India Rank 1,300 in JEE Main.
- NIT Rourkela opening ranker.
- Achieved the 99th percentile in Mathematics in JEE Main.

TECHNICAL SKILLS

- **Languages:** Python, C++, JavaScript, SQL, HTML, CSS
- **Backend and APIs:** FastAPI, REST APIs, Node.js
- **AI/ML:** Local LLM integration, Ollama, Qwen, InsightFace/ArcFace, embeddings
- **Observability and DevOps:** OpenTelemetry, Grafana, Loki, Docker, Linux
- **Databases and Tools:** MySQL, Git, GitHub, VS Code, Postman