Gourab Mondal

Kolkata, WB, India
(91+) 6290992722
gourab.m099@gmail.com

🌐 **dev.gourabmondal.live**

in *linkedin.com/in/gourab-mondal-gm2004*

SUMMARY

Final year Computer Science and Engineering student with a focus on backend development, exploring Generative AI and system design. Hands-on experience with modern frameworks and cloud platforms gained through academic and personal projects.

TECHNICAL SKILLS

- **Programming Languages:** C, Python, Java
- **Databases:** SQL, Firestore, MongoDB
- **Version Control:** Git & GitHub
- **Web Basics:** HTML, CSS, JS
- **Frameworks:** React, Express.js, LangChain, FastAPI and Spring Boot
- **DevOps:** Docker, AWS, GCP

EDUCATION

- **University of Engineering & Management, Kolkata** *(2022 – 2026)*
  B.Tech in Computer Science and Engineering, CGPA: **8.74** *(up to 6th semester)*
- **Chittaranjan Colony Hindu Vidyapith** *(2020 – 2022)*
  Higher Secondary (Science), WBCHSE, **79.40%** *aggregate*
- **Chittaranjan Colony Hindu Vidyapith** *(2020)*
  Secondary Education (Class 10), WBBSE, **77.43%** *aggregate*

PROJECTS

- **Dynamic Fraud Detection**— *Web platform automating prompt-driven fraud and fake news detection using multi ml model routing with Langchain, Python backend, and React frontend*
- **Alumni Hub**— *Cross-platform networking and community engagement app built with Android (Java), Firebase backend, and web interface*
- **Medical RAG**— *Verified medical information retrieval system using Langchain, Pinecone vector database, and domain-specific LLM response streams*
- **Document Utility Agent**— *AI-powered agent for automating digital document operations and multi-format processing, leveraging LangGraph with MCP server, Python runtime sandbox, Redis & Celery for background tasks, and a React-based frontend*

CERTIFICATIONS

- **The Bits and Bytes of Computer Networking** *(Google)*
- **Introduction to Git and GitHub** *(Google)*
- **Neural Networks and Deep Learning** *(DeepLearning.AI)*
- **AWS Cloud Technical Essentials** *(Amazon Web Services)*

AREAS OF INTEREST

- Backend Development
- Gen AI applications
- System Design

LANGUAGES KNOWN

- English
- Hindi
- Bengali