

# GOPIKANTA MONDAL

Kolkata, India | official.gopi@outlook.com | +91 9832968001  
officialgopi.me | github.com/officialgopi | linkedin.com/in/gopikanta-mondal

## Summary

---

Full Stack Developer skilled in building scalable web apps, real-time systems, and AI-powered RAG/Agent solutions. Focused on clean architecture, performance, and distributed systems design.

## Projects

---

- **CoderRoute – Competitive Coding Platform** Live | GitHub
  - Real-time collaborative coding platform with multi-language execution (Judge0).
  - AI-generated problems and hints using Gemini-based prompt pipelines .
  - Implemented role-based auth, leaderboards, streaks, and session persistence.
  - **Stack:** React, Tailwind, Zustand, Node.js, Express, PostgreSQL, Prisma, Judge0, Groq.
- **HelloTalk – Real-Time Chat & Calling Platform** Live | GitHub
  - Real-time messaging with presence, typing indicators, and group chat.
  - WebRTC audio/video calling with STUN/TURN for NAT traversal.
  - Admin panel for moderation and user analytics; optimized message storage.
  - **Stack:** React, Redux Toolkit, Node.js, Express, MongoDB, Socket.IO, WebRTC, Cloudinary.

## Technologies

---

**Primary:** JavaScript, Python, Node.js, React, PostgreSQL, Prisma, Docker, Git

**Backend:** Node.js, FastAPI, Express, REST, WebSockets, Socket.IO, WebRTC, Redis (Caching), BullMQ, Prisma, Auth, Rate Limiting

**Frontend:** React, Redux, Zustand, Tailwind CSS, Shadcn UI

**Databases:** PostgreSQL, MySQL, MongoDB

**GenAI:** LangChainJS, OpenAI SDK, OpenAI API , Groq, Gemini, Pinecone

**DevOps & Deployment:** Linux, Docker, Nginx, AWS, GitHub Actions, PM2

**Familiar:** Java, C++, C

## Education

---

- **Government College of Engineering and Leather Technology** Nov 2022 – June 2026  
*B.Tech in Computer Science and Engineering (CGPA: 8.55/10)* Kolkata, India
- **Memari V.M. Institution (Unit 1)** 2014 – 2022  
*Higher Secondary (WBCHSE): 92.4% — Secondary (WBBSE): 97.85%* Memari, India

## Achievements & Certifications

---

- Completed **Full Stack Web Development Cohort (160+ hrs)** from ChaiCode. [Certificate Link](#)
- Secured **AIR 3575** in **GATE 2025**. [Rank Card Link](#)
- Core Team Member, **Google Developer Group (GDG) Web Development**.