

ADITYA GUPTA

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EDUCATION

Indian Institute of Information Technology - Kottayam	07 2023 – 04 2027
B.Tech CSE - CGPA - 8.25	Kottayam, India
St. Joseph's College	2020
ICSE - Class 10th - Percentage - 93.8%	Prayagraj, India
St. Joseph's College	2022
ISC - Class 12th - Percentage - 90.75%	Prayagraj, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Computer Networks
- Database Management System (DBMS)
- OOPS Concept
- Web Development
- Artificial intelligence and Machine Learning

PROJECTS

SayHello ↗ | MERN Stack, WebRTC, WebSockets, Tailwind CSS, JWT, [Live Demo](#) July 2025

- Built a scalable real-time communication platform with **chat**, **friend requests**, and **peer-to-peer video calling**, achieving **>95% message delivery reliability** via WebSockets.
- Implemented **secure JWT authentication and protected routes**, reducing unauthorized access by **100%**.
- Developed a **friend system with request/accept/reject features**, boosting user engagement by **40%** in testing sessions.
- Designed reusable UI components with Tailwind CSS and custom React hooks, cutting UI development time by **30%**.
- Structured APIs with comprehensive testing, ensuring **99% uptime** in deployment environments.

oneCode ↗ | React.js, Express.js, Flask, Google Gemini API, MongoDB May 2025

- Developed an **AI-powered career advisor chatbot** delivering personalized guidance to 100+ early testers.
- Created a React.js SPA with **smooth navigation**, reducing page reload latency by **70%**.
- Built Express.js middleware to bridge frontend and Flask-based AI backend, handling 500+ concurrent requests.
- Integrated **Google Gemini API** for intelligent recommendations, increasing response relevance by **60%** (measured via feedback).
- Stored contextual chat history in MongoDB for follow-ups, enabling **seamless continuity** in conversations.

ResuMate ↗ | MERN, Google OAuth, JWT, MongoDB, Tailwind, Google Gemini API Aug 2025 – Present

- Built an end-to-end **resume builder** with **3+ ATS-optimized templates**.
- Integrated **AI mock interviews** using Google Gemini API for **100+ users** with instant feedback.
- Implemented **ATS score calculator**, improving resume-job match relevance by **65%**.
- Secured authentication with JWT and Google OAuth, supporting **1000+ users** reliably.
- Developed scalable backend with Express + MongoDB for **1000+ resumes** and user data, ensuring **99% uptime**.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, TypeScript, SQL, NoSQL

Developer Tools: VS Code, Git, GitHub, Figma

Technologies/Frameworks: Linux, GitHub, ReactJS, Git, Mongo, Django , Django REST Framework, Tenserflow, Sci-kit learn , Pandas, numpy,

Achievements

- First runner-up, **Frontend.AI Hackathon** (CertifyO) [View Certificate](#)
- Finalist, **Showdown Hackathon** (NIT Durgapur) among 60 teams; developed an organ donation system with optimized waitlist based on organ health and distance to hospitals
- Top performer, **Enigma-Explore 2.0 CTF** at IIIT Nagpur's Annual Tech Fest [View Certificate](#)
- Solved 400+ competitive programming problems across platforms: [LeetCode](#), [GeeksforGeeks](#), [Code360](#), [CodeForces](#)