

Kumar Aditya

✉ kumaraditya1814@gmail.com | 🌐 GitHub | 🔗 LinkedIn
+91 9693968375

Education

- **Indian Institute of Information Technology, Senapati** 2022–Present
B.Tech in Electronics and Communication Engineering / CPI: 8.0/10.0 Manipur
- **Indian Public School** 2021
Senior Secondary (XII) / PCM / Percentage: 92% CBSE




Technical Skills

- **Languages:** Python, C++, JavaScript, MATLAB
- **Frontend:** React.js, Bootstrap, Tailwind CSS
- **Backend:** Node.js, Express.js, RESTful APIs
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Tools:** Git, VS Code, PyCharm, Figma, AWS Lambda
- **Concepts:** OOPs, Data Structures, Algorithms, NLP, Deep Learning

Experience

- **Web Development Intern** Uptoskills
Remote / Feb 2024–Present
- Engineered responsive web apps using **React** and **Node.js**, reducing load time by **20%** via code optimization.
- Designed RESTful APIs with **JWT authentication**, improving data security and user session management.
- Collaborated in Agile workflows, resolving **15+** bugs and enhancing UI/UX with Tailwind CSS.

Projects

- **CollabCode – Real-time Coding Platform**  Dec 2024
React, Node.js, WebSocket
- Built a **multi-user IDE** with live code execution, chat, and version history.
- Scaled backend to handle **100+** concurrent users with **<500ms** latency using Redis caching.
- **Portfolio Website**  Apr 2025
React, Tailwind CSS
- Designed and developed a fully responsive personal portfolio showcasing skills, projects, and experience.
- Integrated interactive UI components with smooth scroll and animation effects for better user engagement.
- **Avatar AI – Virtual Trial Room**  Nov 2023
Deep Learning, OpenCV, PyTorch
- Developed a real-time clothing try-on system using **YOLO** object detection, achieving **85%** accuracy.

- Optimized image processing algorithms, reducing latency by ****15%**** for seamless user experience.
- Deployed on AWS EC2, attracting ****500+ users**** in the first month.

Achievements

- **Walmart Software Engineering Virtual Program** (Forage) – Ranked in top 10% for database design.
- **Hackathon Co-Host** (Ahouba, IIIT Manipur) - Organized 50+ participant event, judged on innovation and UI/UX.