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**
  Remote | Feb 2025–Present Uptoskills

- 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.