

Kumar Aditya

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Experience

• Web Development Intern

Remote | May 2025–July 2025

Gequetech

- Developing scalable web applications using React and Express.js while maintaining optimal performance.
- Collaborating with designers and backend teams to deliver responsive and interactive UI using Tailwind CSS.
- Implementing secure API integrations and participating in code reviews and Agile ceremonies.

• Web Development Intern

Remote | Feb 2025–May 2025

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, resolved 15+ bugs, and enhanced UI/UX with Tailwind CSS.

Projects

• IntervBit – AI-Powered Interview Assistant

Apr 2025

Next.js, Firebase, VAPI, Gemini, Tailwind CSS

- Built a voice-assisted interview system using VAPI and Gemini, which designed the interview process, asked questions, and provided feedback in real-time.
- Integrated Firebase for real-time data storage and user authentication, reducing user authentication time by 40% and enhancing data synchronization efficiency.
- Improved user interaction by 30% through responsive UI design and optimized experience with Tailwind CSS, leading to faster user task completion times.

• Blind Assistant – Voice-Powered Object Detection Tool

Mar 2025

Python, OpenCV, YOLOv8, edge-tts

- Developed a real-time object detection assistant for visually impaired users, using YOLOv8 and edge-tts for audio feedback.
- Enabled hands-free interaction with 95% voice command accuracy using a lightweight voice recognition system.
- Achieved object detection and response time under 800ms on edge devices, improving reaction time by 50% compared to earlier versions.

• 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.
- Reduced code sync lag by 60% through efficient WebSocket event handling and delta updates.

Education

- **Indian Institute of Information Technology, Senapati**

B.Tech | CPI: 7.89/10.0

2022–Present

Manipur

- **Indian Public School**

Senior Secondary (XII) | PCM | Percentage: 92%

2021

CBSE

Technical Skills

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

Achievements

- **Walmart Software Engineering Virtual Program** (Forage) – One of the best out there.
- **Hackathon Co-Host** (Ahouba, IIIT Manipur) – Organized 50+ participant event, judged on innovation and UI/UX.