

# Kumar Aditya

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GitHub LinkedIn LeetCode

## PROFESSIONAL EXPERIENCE

### • Web Development Intern

Remote / May 2025 – July 2025

Gequetech

- Designed and deployed MERN stack applications; improved load times by 30% using lazy loading and memoization.
- Implemented secure authentication (JWT/OAuth) and responsive UI using Tailwind; collaborated in 2-week agile sprints.
- Coordinated with backend developers to align API responses and improve request handling consistency.

### • Web Development Intern

Remote / Feb 2025 – May 2025

Uptoskills

- Developed full-stack web applications using React, Node.js, and RESTful APIs; reduced bundle size by 20%.
- Resolved 15+ frontend issues and enhanced UI/UX based on user testing, increasing satisfaction by 25%.
- Participated in daily standups, sprint reviews, and collaborated with QA for bug tracking and test coverage.

## PROJECTS

### • IntervBit – AI Interview Platform (Live)

Apr 2025

Next.js, Firebase, Gemini, Tailwind

- Built an AI-based mock interview platform with Gemini LLM, real-time chat, and analytics dashboard.
- Implemented Firebase authentication, scoring engine, and deployed with CI/CD on Vercel.

### • Blind Assistant – Object Detection Tool (Code)

Mar 2025

Python, YOLOv8, OpenCV, edge-tts

- Created assistive tool with real-time object detection and voice alerts; latency under 800ms.
- Optimized TTS and YOLO models for edge-device deployment and low-memory footprint.

### • CollabCode – Real-time Collaborative IDE (Live)

Dec 2024

React, Node.js, WebSocket, Redis

- Built collaborative IDE with real-time editing, session replay, and live chat; scaled to 100+ concurrent users.
- Reduced sync delay by 60% via delta-sync logic and WebSocket optimization with Redis queues.

## EDUCATION

### • IIIT Manipur

2022 – Present

Bachelor of Technology in ECE | CPI: 7.89/10

### • Indian Public School (CBSE)

2021

Senior Secondary | PCM | 92%

## TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, C++, HTML, CSS
- **Frameworks:** React.js, Node.js, Express.js, Next.js, Tailwind, Bootstrap
- **Databases:** MongoDB, Firebase, Redis
- **AI/ML:** YOLOv8, OpenCV, edge-tts, Gemini API, NLP
- **Tools:** Git, Figma, AWS, RESTful APIs, WebSockets, VS Code, Agile, Debugging, CI/CD, Unit Testing

## ACHIEVEMENTS

- **LeetCode:** Solved 384+ problems | Rating: 1750+ | Strong in DP, Binary Search, Arrays
- **Milestones:** 627 submissions in 2024, Max streak: 33 days, earned 50 Days Badge
- **Walmart Forage:** Completed mock product API design internship with testing and deployment simulation
- **Hackathon Co-Host:** Evaluated 50+ projects at Ahouba Hackathon, IIITM; supported judging and team mentorship