ADITYA AGARWAL

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LinkedIn ◇ GitHub ◇ LeetCode ◇ Portfolio

EDUCATION

Bachelor Of Technology, BIT Mesra   2023 - 2027
Computer Science and Engineering - 8.7 CGPA

SKILLS

Programming Languages	C, C++, Java, Python, JavaScript
CS Fundamentals	DSA, OOP, DBMS, OS, CN, Aptitude
Libraries / Frameworks	HTML, CSS, React, Next.js, Redux, Bootstrap, Tailwind CSS, Sass, Material UI, Chakra UI Node.js, Express.js, Firebase, JWT, OAuth, Socket.io, WebRTC, MongoDB, Mongoose, MySQL
Tools / Platforms	Git, GitHub, VS Code, Postman, Hoppscotch, Vercel, Netlify, Heroku, Figma, Canva, WordPress, Elementor

PROJECTS

AI Chatbot Web Application   June 2025
Tech Stack: React.js, CSS3, Gemini AI API   Source Code — Live Demo

- Developed a responsive AI chatbot using React, featuring a clean UI and dynamic message rendering, capable of handling 100+ user interactions with smooth performance.
- Integrated Google Gemini API for intelligent conversational capabilities, achieving real-time responses under 1 second with 90%+ query understanding accuracy.

Frontend Code Editor   Jan 2025
Tech Stack: JavaScript, HTML5, CSS3, Bootstrap   Source Code — Live Demo

- Created real-time code preview editor supporting HTML/CSS/JavaScript execution
- Enabled auto-indentation and syntax highlighting for a more intuitive coding experience.
- Used by 100+ developers for practice with instant visual feedback

WhereIsMyBitBus   May 2025
Tech Stack: React/vite, JavaScript, Firebase, Chakra UI, OpenStreet Map   Source Code — Live Demo

- Developed a real-time bus tracking platform using React, JavaScript, and Firebase, solving a real-life commute issue for students and currently serving 300+ users across the BIT Mesra campus.
- Integrated OpenStreet Maps API and Firebase Auth to enable 98% live location accuracy and secure access for over 100 daily users.
- Enabled 5-second real-time location updates by storing only current coordinates in Firebase, ensuring accurate bus tracking while optimizing database performance during high-traffic hours.

(View all projects)

EXPERIENCE

Software Development Engineer (SDE) Intern   May 2025 - July 2025
ETS Networks   *Remote*

- Developed and optimized software modules, ensuring clean, maintainable, and efficient code.
- Collaborated with the tech team on debugging, testing, and delivering key project milestones.

Freelancer   July 2023 - Present

- Developed 5+ client websites using WordPress and Frontend Technologies, tailored for user engagement and business needs.
- Managed 10K+ monthly visitors with 98% uptime and optimized performance for speed and responsiveness.

ACHIVEMENTS

- Won 1st Prize in Web Development at Technika'24 Hackathon, BIT Mesra.
- Won 2nd Prize in Innovate-A-Thon 3.0, a 36-hour Web3 Hackathon at BIT Mesra
- Top 5 Team in Web Development at Hackit'25 (48-hour Hackathon), Amity University.
- Semifinalist – TCS CodeVita, Competing Among Thousands of Global Participants.
- Solved 350+ DSA problems across major platforms, enhancing algorithmic and problem-solving skills.