Adarsh Gupta

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https://www.linkedin.com/in/adarsh-gupta-650a09264/ | https://github.com/bugsnotallowed

Summary

An aspiring **software engineer** with a solid foundation in computer science and hands-on experience in building and maintaining full-stack web applications. Passionate about creating **robust, scalable** systems and solving real-world problems with **clean, efficient code**. Skilled in **Java**, JavaScript, and Node.js, with working knowledge of system design, operating systems, databases, and networking fundamentals. A fast learner and collaborative team player, eager to contribute, take ownership of meaningful projects, and grow in a fast-paced and agile environment focused on quality at scale.

Technical Skills

Frontend Frameworks: ReactJS, NextJS, HTML, CSS, Tailwind
Backend Frameworks: Node.js, Express.js
Programming Languages: Java, JavaScript, Python, C/C++
Database Management: MySQL, MongoDB
Development Concepts and Practices : REST API Design, MVC Architecture, CI/CD Pipelines, Microservices
Tools: GitHub, Git version control, GitHub Actions, AWS, Looker Studio, IntelliJ IDEA, VS Code

Projects

Personal Portfolio Website - Github link   https://adarsh-portfolio-website.vercel.app/
- Developed using Next.js, TypeScript, Aceternity UI, Framer Motion, and Tailwind CSS to showcase my projects.

URL Shortener - Github link
- Developed a URL Shortener web application using the MERN stack, implementing clean MVC architecture in the backend with Express.js, MongoDB (Mongoose), and modular service/controller layers.
- Built REST APIs and integrated with a React.js frontend, enabling users to shorten URLs, redirect via unique short codes, and manage links efficiently.

Secure Carbon Footprint Tracking using Blockchain - Github link   Publication Link
- Developed the front-end of a decentralized web platform for transparent and tamper-proof carbon emission tracking as part of an academic project, using React and Tailwind CSS for a responsive and modern UI.

Video Chat Application - Github Link   https://videochatappwebrtc.vercel.app/
- Developed a real-time video calling and messaging platform using WebRTC, Socket.io, Node.js, and React.
- Implemented features such as mute/unmute, video toggle, and private chat rooms.
- Deployed a full-stack solution on Render (backend) and Vercel (frontend) for seamless accessibility.

Volunteering

IEEE-CRCE Technical Council
Secretary: July 2025 – To date
- Promoted to the position of Secretary of the IEEE CRCE Council

Vice Chairperson: July 2024 – July 2025
- Successfully organized *Prakalp 2k25 3.0* - a national-level project competition with more than 500 participants (hardware and Software), secured *1.2 lakhs* of Sponsorship Amount, conducted *Ingenium 2024* - Group Discussion Competition

Certifications and Achievements

- **AWS Academy -** Badges Link   April 2025
  AWS Cloud Architecting, AWS Cloud Fundamentals, AWS Microservices, and CI/CD Pipeline Builder
- Solved 150+ Data Structures and Algorithms problems on LeetCode and HackerRank; actively built a professional network with 900+ LinkedIn connections. *Profile Link*

Education

Fr. Conceicao Rodrigues College of Engineering, Bandra West   Nov 2022 – June 2026
Bachelor's of Engineering in Computer Engineering
- CGPA: 7.8/10 (*Honors in Data Science*)
- CS Fundamentals - Operating Systems, Data Structures, Algorithms, Software Engineering, Computer Networks, DBMS.