

ABHINAV TIWARY

📍 Greater Noida, India 📞 +91 6207363626
✉ abhinavv8975@gmail.com 🌐 github.com/abhiii9vvv 🔗 linkedin.com/in/abhinavtiwary

Professional Summary

Computer Science undergraduate with hands-on experience in full-stack development, backend architecture, and AI-driven applications using MERN, Next.js, and cloud platforms. Adept at owning projects end-to-end while collaborating effectively in cross-functional environments, with a consistent track record of delivering production-grade solutions under real-world constraints.

Technical Skills

- **Languages:** Java, Python, JavaScript, TypeScript, JQuery
- **Core:** Data Structures, Problem Solving, OOP, System Design
- **Backend:** Node.js, Express.js, REST APIs, JWT Authentication
- **Frontend:** React.js, Next.js, Tailwind CSS
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Tools:** Git, Docker, Postman, Linux
- **Cloud:** AWS, Google Cloud Platform
- **Soft Skills:** Problem Solving, Team Collaboration, Adaptability

Internships

Full Stack Development Intern

March 2026

Unessa Foundation

Remote

- Built scalable MERN modules and REST APIs, improving response time by 25% through optimized queries and validation.
- Implemented structured error handling and input validation, reducing runtime failures and improving backend reliability.
- Collaborated with frontend teams to ensure seamless API integration and efficient data flow across systems.

Web Development Intern

April 2026

ShadowFox

Virtual

- Developed and deployed full-stack features, improving usability and accelerating feature delivery across modules.
- Designed reusable React components and structured Express APIs using MVC, improving maintainability and scalability.
- Optimized UI performance and responsiveness, enhancing overall user experience across devices.

Projects

CampusSetu – GitHub

Feb 2026-Ongoing

- Developing multi-tenant SaaS campus platform with role-based access for students, faculty, and admins. (*React, Node.js, MySQL, Docker, AWS*)
- Designed scalable backend architecture with Node.js and MySQL supporting modular services and tenant isolation.
- Containerized application using Docker and planned deployment on AWS cloud infrastructure.

SecureExamBrowser – GitHub

Jan 2025 – July 2025

- Built secure cross-platform exam app enforcing OS-level restrictions like blocking alt-tab and screen capture. (*Electron, Python, OpenCV*)
- Integrated AI-based face proctoring using OpenCV for real-time monitoring and violation detection.
- Designed event-driven system to log and report suspicious activities during exams in real time.

Certifications & Achievements

- Solved 250+ DSA problems on LeetCode, covering arrays, trees, graphs, and dynamic programming concepts.
- Google Cloud Generative AI Leader Track, JPMorgan Chase Software Engineering Simulation, MERN Stack Bootcamp.
- Smart India Hackathon 2025 (2nd Runner-Up), 45+ GitHub repositories with 1000+ contributions.
- Built and maintained multiple full-stack projects with production-level architecture, demonstrating practical expertise in scalable system design.

Education

Sharda University

Bachelor of Technology – Computer Science Engineering

Aug 2023 – Present

Greater Noida