ADITYA KUMAR
Web Developer

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Education

Master of Computer Applications (MCA)   Jul 2024 - Present
Amity University, Noida

Bachelor of Computer Applications (BCA)   Jul 2021 – Jul 2024
Kurukshetra University, Kurukshetra

Skills

- **Programming Languages:**   JavaScript, C++
- **Frontend Development:**   HTML, CSS, Tailwind CSS, React, Redux, Next.js
- **Backend Development:**   Node.js, Express.js, MongoDB, PostgreSQL, RESTful APIs
- **Tools & Technologies:**   Git, TypeScript, VS Code
- **Other Skills:**   Socket.IO, JSON Web Tokens (JWT), Cybersecurity Fundamentals

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Project Experience

Shop-it: React, Redux, Tailwind CSS, Framer Motion

- Developed a full-featured e-commerce web application featuring a product catalog, advanced search functionality, filtering options, and seamless cart management experience.
- Implemented responsive UI with Tailwind CSS and enhanced UX through Framer Motion animations.
- GitHub | Live Demo

Employee-Management-System (EMS): Node.js, Express, MongoDB, JWT, Mongoose

- Developed a backend system for managing employee records, department organization, task assignments, and feedback collection.
- Developed RESTful APIs with authentication and authorization using JWT.
- GitHub | API Docs

Chat-it: Socket.IO, React, Redux, Node.js, Express, MongoDB, TypeScript, JWT, Zod

- Built a real-time chat application supporting instant messaging, socket-based communication, and secure user authentication.
- Integrated Redux for state management and TypeScript with Zod for data validation.
- GitHub Backend | GitHub Frontend | API Docs

Girifolio: React, Tailwind CSS

- Designed and developed a responsive personal portfolio website to showcase technical skills, projects, and certifications.
- Optimized performance and mobile responsiveness using Tailwind CSS best practices.
- GitHub | Live Demo

Certificates

- **CS50x:** Harvard University (Online) – Comprehensive course covering algorithms, data structures, and web development through 10 mini projects and a major project.

- **Web Development:** E-Karma Centre, Karnal – Hands-on training in building interactive web pages using HTML, CSS, JavaScript, and Tailwind CSS.

Achievements and Awards

- **Second Place:** College-Level Debugging Competition – Achieved 90% accuracy in resolving complex code issues.
- **Third Place:** Software Development Activity – Recognized for technical innovation and problem-solving.
- **First Place:** PPT Competition – Delivered an award-winning presentation on cybersecurity.
- **NSS Volunteer (Sept 2022 – July 2024)**: Contributed 250+ hours to community-driven initiatives, demonstrating leadership and teamwork.