Abhinav Mishra
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Education

Ajay Kumar Garg Engineering College   Nov. 2022 – Sept. 2026
B.Tech in Computer Science and Engineering   *Ghaziabad, Uttar Pradesh*

Experience

Computer Society of India   Sept. 2023 – Present
MERN Developer   *Ghaziabad, Uttar Pradesh*
- Working with a 45-member team to cultivate technical activities and maintain projects in the college.
- Conducted a workshop and mentored 150+ students, introducing them to different domains.

Projects

WorkShala | *JavaScript, React.js*   GitHub
- Built and deployed an interactive web application named "Workshala" using React.js, demonstrating expertise in modern front-end development.
- Prepared a component-based architecture utilizing React Router to create a modular and maintainable codebase, ensuring seamless navigation and providing users with a smooth and intuitive browsing experience within the application.

Opinio | *Node.js, Express, MongoDB*   GitHub
- Engineered a thought-sharing platform for my college, utilizing **Redis for caching and achieving 90% faster API responses** and enhanced performance.
- Leveraged **Cluster Nodes** to support parallel instances, ensuring optimal scalability.
- Implemented user authentication with role-based access control, enhancing security and managing permissions effectively.

Edumarshal | *React.js, Tailwind CSS, JavaScript*   GitHub
- Collaboratively contributed to empowering college students and faculty by **simplifying college management processes through a comprehensive software solution.** Managed various features such as attendance tracking, notes distribution, and fee payment for enhanced academic management.
- Utilized React.js for frontend development, Tailwind CSS for styling, and JavaScript for dynamic functionality. Ensured mobile responsiveness for accessibility on various devices, providing a seamless user experience for students and teachers.

Technical Skills

Languages: C++, C, HTML/CSS, JavaScript, Python, TypeScript

Frameworks: Node.js, **NextJs**, Express, Tailwind, **React Native**

Libraries: React, Redux Toolkit, Material UI

Dev Tools: Visual Studio Code, Git, Vercel, Netlify

Databases: MongoDB, Redis

Achievements

- Solved more than 300+ problems across coding platforms.
- Championed collaborative efforts in a dynamic team environment, actively engaging in strategic discussions and proposing innovative solutions.
- Scored 97% in high school.