Muskan Singh

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Summary

Aspiring software developer skilled in full-stack development and user-centric design. Proven ability to deliver functional and responsive web applications with clean, maintainable code.

Education

Govind Ballabh Pant Institute of Engineering and Technology   *2021–2026 (Expected)*
Bachelor of Technology in Computer Science and Engineering

Skills

Languages	Java, JavaScript, SQL	**Version Control**	Git, GitHub
Frontend	React.js, Next.js, HTML, CSS, Tailwind, Bootstrap	**Tools**	Vite, Render, Vercel, Postman
Backend	Node.js, Express.js, MongoDB	**CS Fundamentals**	DSA, OOPs, DBMS
UI/UX	Figma, Canva, Responsive Design		

Experience

BetterMyStay (Startup)   *March 2024 – January 2025*
Software Development Engineer (SDE) Intern

– Crafted 10+ dynamic UI components using React.js and Tailwind CSS, increasing user engagement by 30%.
– Connected frontend interfaces with backend systems, reducing load times by 40% and improving responsiveness.
– Optimized core software modules, resulting in a 25% performance improvement and smoother deployment cycles.
– Collaborated with cross-functional teams to roll out new features aligned with user needs and business objectives.

Quadra Security   *April 2025 – May 2025*
Full Stack Developer Intern

– Designed and built a fully responsive website from scratch using Figma for UI planning and Next.js for development.
– Implemented key functionalities including a dynamic blog system and a secure contact form, enhancing user interaction.
– Integrated MongoDB to support content management and form submissions.
– Enhanced SEO performance and reduced load times, increasing discoverability by 20%.
– Collaborated closely with the core team to align design and features with the company's brand and technical goals.

Projects

Zuno Chat App — Full Stack Real-Time Messaging Platform   *Live Demo*

– Designed and developed a full-stack real-time chat application with one-to-one and group messaging.
– Established WebSocket communication using Socket.io for instant updates.
– Features include user authentication, notifications, message timestamps, and intuitive UI.
– Stack: React.js, Node.js, Express.js, MongoDB, Socket.io.

Code Reviewer — AI-Powered Debugging & Feedback Tool

– Built a code review assistant using Gemini API to analyze, debug, and provide feedback on user-submitted code.
– Crafted a modern frontend and established reliable backend connectivity for seamless data flow and interaction.
– Enables syntax-aware code reviews and contextual suggestions for JavaScript, Python, and more.

Achievements & Leadership

2nd Place - State Level Hackathon   *Feb 2024*

– Developed the complete frontend interface for an AI-powered chatbot, ensuring a responsive and intuitive user experience.
– Integrated real-time QA capabilities along with a speech-to-text feature to enhance user accessibility.
– Secured 2nd position out of 216+ teams after multiple stages of evaluation.

Creative Media Head - IEEE GBPIT Student Branch   *Aug 2023 – Present*

– Led digital media creation for workshops and events — posters, social campaigns, and visual content.
– Spearheaded successful outreach strategies that boosted event participation and engagement across platforms.