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 *2022–2026*
Bachelor of Technology in Computer Science and Engineering

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.

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		

Achievements & Leadership

2nd Place - State Level Hackathon *May 2025*
- Developed the complete frontend interface for an AI-powered chatbot, ensuring a responsive and intuitive user experience.
- Integrated real-time Q&A capabilities and a speech-to-text feature, backed by a Flask backend, to enhance user accessibility.
- Secured 2nd position out of 216+ teams after multiple stages of evaluation.

Creative Media Head - IEEE GBPIET 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.