

MUSKAN SIKKA

+91-9780850153 ◇ Haryana, India

muskansikka1234@gmail.com ◇ [LinkedIn](#) ◇ [GitHub](#)

OBJECTIVE

Full Stack Developer with strong expertise in the **MERN stack** and a proven track record of building and deploying **3+ scalable web applications**. Highly skilled in **Data Structures and Algorithms (DSA)** using Java, solving 250+ problems on competitive coding platforms. Adapt at system design, RESTful API development, and real-time features like WebSockets. Passionate about creating clean, efficient, and secure code while optimizing performance and scalability.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science Engineering, Chandigarh University Expected 2026
CGPA: 7.5

Class XII (CBSE), Model School, Rohtak

2021 – 2022

Percentage: 90%

TECHNICAL SKILLS

Frontend	React.js, HTML5, CSS3, JavaScript, Bootstrap, Tailwind CSS, TypeScript, Redux
Backend	Node.js, Express.js, Java, REST APIs, WebSockets, JWT
Database	MongoDB, MySQL, PostgreSQL
Devops and Tools	GitHub Actions, Vercel, Netlify, AWS, Git
Others	Stripe API, Google Maps API

EXPERIENCE

Full Stack Developer Intern – TechNova Solutions Pvt. Ltd. (Jan 2024 – Jun 2024)

- Developed and maintained full-stack web applications using MERN stack and Java for backend microservices.
- Built REST APIs to integrate with payment gateways and third-party services.
- Improved application performance, reducing API response time by 40

PROJECTS

E-Commerce Website ([Live Demo](#))

- Built a scalable and responsive e-commerce web application with product listings, filters, cart, and checkout.
- Integrated secure payment gateway using Stripe and implemented JWT-based authentication.
- Managed global state using React Context API and integrated RESTful APIs.
- Optimized page load performance and ensured a mobile-first, accessible design.

Secure Chat Application ([Live Demo](#))

- Designed a real-time messaging platform with end-to-end encryption and user authentication.
- Ensured application scalability and responsiveness using the MERN stack.
- Implemented WebSocket-based communication for real-time message transfer.

PUBLICATIONS AND ACHIEVEMENTS

- "Innovations and Future Directions in Securing Digital Environments" — IJSREM, Jan 2025.
- "Resource Allocation in Smart Cities Using IoT" — Springer Book Chapter, Dec 2024.
- GSSoC Contributor, 2025 — PRs merged in 2 major open-source projects.