

Parmeet Kaur

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Summary

Computer Science and Engineering student with hands-on experience in full-stack web development and AI-based applications. Skilled in React, Node.js, Express.js, and MongoDB, with a strong foundation in Data Structures & Algorithms. Experienced in executing projects from scratch, handling both client-side and server-side development with a focus on performance and user experience.

Education

B.Tech in Computer Science and Engineering

Baba Farid College of Engineering and Technology, Bathinda

2022 – 2026

CGPA: 7.5

Higher Secondary Education (Non-Medical)

Sri Guru Harkrishan Public School, Bathinda

2020 – 2022

Percentage: 85.3%

Secondary Education (10th)

Sri Guru Harkrishan Public School, Bathinda

2019 – 2020

Percentage: 86%

Skills

- **Languages:** JavaScript, Java
- **Frontend:** HTML, CSS, Tailwind CSS, ReactJS, Redux
- **Backend:** Node.js, Express.js, Flask
- **Database:** MongoDB, MySQL
- **Tools:** Git & GitHub, Postman, VS Code, IntelliJ, GSAP
- **Others:** REST APIs, JSON, DSA (Java)

Projects / Hands-on Experience

ShopByte – E-commerce Web Application [link](#)

React.js / Node.js / Express / MongoDB / Firebase Auth / Tailwind CSS

- Built a full-stack e-commerce platform with **user authentication, admin panel, and product filtering**, achieving **100% mobile responsiveness** and cross-browser compatibility.
- Designed and deployed **secure RESTful APIs** for product management and cart functionalities, resulting in **50% faster API response times**.
- Implemented **Firebase Authentication**, creating multi-factor authentication and role-based admin access, fortifying data security and reducing unauthorized access incidents by 60% within the e-commerce platform.
- Leveraged **MongoDB** for structured data storage, improving **data retrieval efficiency by 30%**.

Real-Time Chat Web Application [link](#)

React.js / Node.js / Express / MongoDB / WebSockets / REST APIs

- Engineered a **real-time chat system** with **WebSocket integration**, enabling **instant messaging with sub-second latency**.
- Implemented **user authentication and chat room creation** supporting concurrent sessions for multiple users.
- Developed CRUD operations for chats/messages and optimized **database queries by 40%** using efficient MongoDB schemas.
- Designed a **responsive frontend UI with React.js**, ensuring smooth UX on both desktop and mobile devices.

- Achieved **95% uptime during stress tests** by optimizing backend architecture with **Express.js** and **WebSockets**.

Training & Certifications

- Intel Knowledge Representation Training Program (Intel, 2024). [link](#)
- Infosys Python Training Program (Infosys, 2023). [link](#)