

Kulpreet Singh

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New Delhi, India

SUMMARY

Final-year B.Tech CSE student with strong Java and DSA fundamentals and practical experience in full-stack web development. Built projects involving authentication, real-time communication, and cloud deployment. Quick learner with strong problem-solving and debugging skills; eager to contribute as a Software Engineer / Full Stack Developer in dynamic, collaborative environments.

SKILLS

- **Languages:** Java, C, JavaScript
- **Frontend:** React.js, HTML5, CSS3
- **Backend & Databases:** Node.js, RESTful APIs, MongoDB, SQL
- **Version Control:** Git, GitHub
- **Deployment & Tools:** Vercel, Render, VS Code
- **Concepts:** OOP, Data Structures & Algorithms, Agile Methodology, SDLC

PROJECTS

• **WealthWise — AI-Powered Personal Finance Platform**

Oct 2025 - Dec 2025

- Developed a full-stack personal finance platform using the MERN stack, featuring 8+ modules for transactions, budgets, goals, bills, and investments with complete CRUD functionality
- Integrated Groq LLM API to build an AI financial assistant that analyzes spending patterns and provides personalized recommendations in real-time
- Implemented secure JWT authentication with refresh tokens, rate limiting, input validation, and role-based access control
- Built real-time notification system using Socket.io for budget alerts and bill reminders, plus interactive data visualizations with Recharts
- Deployed to production on Vercel (frontend) and Render (backend) with CI/CD pipeline; designed responsive dark-themed UI with Framer Motion animations

• **ChatPulse — Real-Time Chat Application**

Feb 2025 - April 2025

- Developed a responsive, interactive chat interface using React with real-time messaging powered by Socket.IO, supporting instant text and media communication
- Implemented full-stack features including user authentication, profile management, online/offline status, and unseen message tracking for an engaging experience
- Built dynamic messaging functionality with image uploads, search, message notifications, and state management, ensuring smooth and intuitive UI interactions
- Designed backend support for real-time updates, message persistence in MongoDB, and efficient data handling, maintaining high performance and reliability
- Enabled multi-device usage with synchronized chat sessions, providing a seamless and consistent user experience

EDUCATION

• **G.L Bajaj Institute of Technology & Management**

B.Tech in Computer Science & Engineering (AI)

◦ CGPA: 7.64/10

Nov 2022 - July 2026(Expected)

Greater Noida, UP

• **Regency Public School**

Class XIIth

◦ Percentage: 88%

June 2020 - July 2021

Sitapur, UP

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Foundations Associate | ([Supported by Oracle Corporation](#))
- Data Science Master — Virtual Internship | ([AICTE-EduSkills, supported by Altair](#))
- Android Developer — Virtual Internship | ([AICTE-EduSkills, supported by Google for Developers](#))
- RPA Developer — Virtual Internship | ([AICTE-EduSkills, supported by Ui Path](#))