

# PRABHPREET SINGH

MERN Stack / Backend Developer (Node.js)

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## PROFESSIONAL SUMMARY

Aspiring MERN Stack Developer with hands-on experience building RESTful APIs using Node.js, Express.js, and MongoDB. Skilled in JWT authentication, middleware design, input validation, API testing with Postman, and Git-based workflows. Currently building and deploying a full-stack Smart Expense Splitter application while strengthening React, TypeScript, SQL, and Data Structures & Algorithms. Focused on writing clean, maintainable, well-tested code and shipping production-ready features.

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## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), Java, TypeScript

**Frontend:** HTML5, CSS3, ReactJS, Responsive Design

**Backend:** Node.js, Express.js, REST API Design, CRUD Operations, JWT Authentication, Middleware

**Database:** MongoDB, SQL

**Tools & Practices:** Git, GitHub, Postman, npm, Agile basics, System Design Basics, Unit Testing

**Currently Learning:** Advanced System Design, Data Structures & Algorithms (Java), Generative AI

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## PROJECTS

### Smart Expense Splitter — Full-Stack Web App

*React, Node.js, Express.js, MongoDB, JWT* | [github.com/iamPrabh123](https://github.com/iamPrabh123)

- Designing and building a full-stack expense-splitting application with user authentication, group management, and CRUD REST APIs.
- Implementing JWT-based secure authorization and role-based access control across API endpoints.
- Using MongoDB for persistent, relational-style data storage across users, groups, and expenses.
- Building a dynamic ReactJS frontend to consume REST APIs and render real-time balance calculations.

### Weather Forecast Web App

*HTML, CSS, JavaScript, OpenWeatherMap API* | *GitHub Repository*

- Built a responsive, mobile-friendly weather application integrating the OpenWeatherMap REST API for real-time temperature, humidity, and condition data.
- Implemented robust error handling for invalid city names and network failures with user-friendly messaging.
- Maintained clean, well-commented code with clear separation between API logic and UI rendering.

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## EDUCATION

### Bachelor of Computer Applications (BCA)

2024 – 2027 (Pursuing)

*SGTBIMIT, New Delhi (Guru Gobind Singh Indraprastha University)*

Overall CGPA: 7.54

### Class XII

*Mahadev Desai Public School, Sec 16, Faridabad*

### Class X

*Carmel Convent School, Sec 7-D, Faridabad*

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## CERTIFICATIONS

- CyberSecurity Summer Training — Veridical Technologies (2025)

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## SOFT SKILLS

Strong problem-solving ability, logical thinking, fast learner, effective communication, persistence in debugging.

### **EXTRACURRICULAR ACTIVITIES**

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- Represented SGTBIMIT in Inter-College Cricket League
- Active chess player, enhancing analytical and strategic thinking skills
- Regular gym athlete demonstrating discipline and consistency