

Rajan Patel

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EDUCATION

I.K.G. Punjab Technical University, Jalandhar

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.50/10

2023 – Present

Dasmesh Sr. Sec. School, Ludhiana

Percentage: 94.8% — Physics, Chemistry, Mathematics

(PSEB)

2021 – 2023

SKILLS

Programming:

C++, JavaScript, Python, TypeScript, React Native, MySQL

Frameworks/Libraries:

React.js, Node.js, Express.js, MongoDB, PostgreSQL, Firebase,

Infra/Tools:

Git, Redis, Docker, Prisma, Kafka, Jupyter Notebook, Postman, REST APIs

EXPERIENCE

Small Fare™ – Backend Developer Intern

Dec 2025 – Present

Technologies: Node.js, Express, PostgreSQL, Prisma, Redis, Kafka, Docker

- **Built scalable backend** services for an event management and ticket booking platform - **Events Fare**.
- **Implemented** secure authentication, session management with **Redis**, **role-based access** for users, organizers, admins.
- **Developed** modules include **event management, booking, ticketing, payments, wallet, loyalty, and notifications**.
- **Used Kafka** for async processing and **Docker** for containerized deployment.

Wyreflow Technologies – MERN Stack Developer Intern

[CRTD Technologies](#)

July 2025 – October 2025

Technologies: Node.js, Express, MongoDB, React.js,

- **Built MERN-based** job and career guidance platform with **student, admin,** and **sub-admin** modules.
- **Implemented secure** authentication, job posting workflows, subscriptions, and **role-based** access control.
- **Integrated** and worked with backend services using MERN, JWT, and **Razorpay**

PROJECTS

[InVolv](#)

[GitHub](#)

MERN Stack, Redis, Leaflet.js, Cloudinary, OSRM, Machine Learning

Nearest Store Discovery & Smart Demand Prediction(Inventory) Platform.

- **Developing** a nearest-store product discovery platform using MERN, Redis, Leaflet, and OSRM routing – multi role.
- **Implementing** real-time inventory visibility and ML-based demand forecasting for Stock analytics.
- **Engineering a scalable system architecture** with Redis caching, session handle, high-frequency search optimization.

[Questify](#)

[GitHub](#)

React.js, Node.js, Express.js, MongoDB, Gemini AI, React Flow | Vercel, Render

AI-Powered Learning Roadmap Platform.

- **Developed** an AI-powered platform using **Gemini AI** to generate personalized, gamified learning paths.
- **Crafted** interactive roadmap visualizations with React Flow and progress tracking dashboards.
- **Deployed** the frontend on Vercel and backend on Render using a scalable MERN architecture with curated resources

[Real-Time Device Tracker](#)

[GitHub](#)

Node.js, Express.js, Socket.IO, Leaflet.js, EJS | Render

Real-time location tracking and collaboration System.

- **Built a real-time multi-device tracking** system using Socket.IO, enabling live location updates for unlimited devices.
- **Integrated Leaflet.js** maps to render device pins and continuously update latitude–longitude changes
- **Implemented** bi-directional real-time communication and deployed the platform on Render.

ACHIEVEMENTS

- **LeetCode** [RajanPatel_](#) (180+ Problems)
- **HackMol 6.0, PSB Hackathon-2025 Finalist**
- **University's Training & Placement Cell Coordinator | Core Member Entrepreneur Cell**