

# Taranpreet Singh

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## SKILLS:

### Tools:

- React
- Tailwind/CSS
- Express

- NextJs
- Node.js
- Prisma

### Database:

- MySQL
- Mongo DB

### Other:

- JWT / Zod

## EDUCATION:

B.Tech. , Information & Technology | DAVIET Jalandhar, Punjab | Jun 2024 | CGPA : 7.8

## Full Stack Development Intern

*Ohm Enterprises – Jalandhar, Punjab, India*

*December 21, 2024 – March 31, 2025*

- Developed and deployed the company's official website using React, Next.js, Node.js, Express, Mongoose, and Prisma, ensuring end-to-end functionality across frontend and backend.
- Built RESTful APIs and managed database schemas using Prisma and Mongoose for efficient and scalable data handling.
- Used Git for version control, regularly contributing to pull requests and participating in code reviews to maintain clean and maintainable code.
- Backend source code available: [GitHub – om-enterprises-backend](#)

## PROJECTS Experience :

**Payment-RaZorpay2.0-** [TurboRepo | NextJs | Node Js | Prisma | NextAuth | Tailwind] - [GITHUB](#)

**April 2025**

- Built a scalable monorepo architecture using TurboRepo to optimize builds and share common logic (functions, TypeScript types, UI components) across both frontend (Next.js) and backend (Node.js) applications.
- Implemented secure onramping transactions and peer-to-peer transfers using Node.js and Prisma, ensuring ACID compliance to maintain transactional integrity and prevent monetary loss due to crashes or failures.
- Designed a reliable queuing mechanism for bulk transfers, ensuring the sender's balance never goes negative and transactions are processed one-by-one to maintain data consistency.
- Handled financial precision with high accuracy, ensuring values like 100.01 are stored without loss in the database, reflecting careful design of monetary data handling.

**BlogSphere** – [React | Tailwind | Prisma | Express | Node JS | JWT | ZOD] - [FRONTEND, BACKEND , WEBSITE](#)

**Feb 2025**

- Developed a fully responsive and scalable blogging platform using React with TypeScript, incorporating modular and reusable components along with React Router for seamless navigation and user experience..
- Integrated Axios to efficiently handle API requests, enabling smooth communication between the frontend and backend, which is built using Node.js with Express.js to serve RESTful APIs..
- Implemented Prisma ORM with PostgreSQL, hosted on NeonDB, ensuring optimized database management, efficient query handling, and improved scalability.
- Applied JWT-based authentication to secure user sessions and implemented Zod validation for robust request validation, ensuring data integrity across all endpoints.

## CERTIFICATIONS / AWARDS:

- SQL:-Beginner to Advanced for Data Professionals | [Link](#)
- Hacker-Rank Basic or Intermediate Level Certify in SQL | [LINK1](#) | [LINK2](#)