HARSH TURAKHIA

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EDUCATION

LDRP Institute of Technology, Gandhinagar, Gujarat   May 2024
- Bachelor of Engineering in COMPUTER SCIENCE & ENGINEERING
- Result: 8.54 CGPA

EXPERIENCE

1) TatvaSoft: Trainee   *Jan* 2024 – June 2024
- Gained hands-on experience in **.NET MVC**, developing a **Hospital Management System** with multi-role access control and status-based workflows.
- Tech Stack : .NET MVC, C#, Bootstrap, HTML, CSS, Postgres

2) TatvaSoft: *Trainee Software Engineer (Full Stack Developer)*   *July* 2024 – June 2025
- Developed and optimized a comprehensive **Employee Management System and Performance Assessment System,** integrating modules for **employee roles, salary management, resignations, and data imports** with seamless backend connectivity.
- Created **reusable Angular components** and optimized **stored procedures** to enhance application performance and scalability.
- **Tech Stack:** Angular 18, .NET Minimal API, C#, PostgreSQL.

3) TatvaSoft: *Associate Software Engineer (Full Stack Developer)*   *July* 2025 – Current
- Leading the migration project of a Vehicle Tire Dealer Management System to **Azure Functions**, optimizing scalability, performance.
- Working in an Agile environment with Jira, contributing to sprint execution, cloud deployments, and cross-functional collaboration.
- **Tech Stack:** Azure Functions, .NET 8, C#, Sql Management Studio

PROJECTS

- **Warehouse Management System**   *Aug* 2024 – Dec 2024
  - Designed and developed a role-based Warehouse Management System implementing authentication, **claim-based authorization**, and **real-time notifications** using **SignalR**.
  - Architected the **database schema** and optimized entity relationships for efficient inventory tracking, order management, and user activity logs.
  - **Tech Stack:** .NET MVC, C#, SignalR, PostgreSQL, Bootstrap, JavaScript

- **Chat-ish - Real-Time Web Chat Application**   Apr 2023 – Jul 2023
  - Developed a real-time chat platform enabling individual and group messaging with user search and light/dark themes.
  - Implemented **end-to-end encryption** using `crypto.js` and achieved seamless synchronization using **WebSockets**.
  - **Tech Stack:** React.js, Node.js, Express.js, Material UI, MongoDB

SKILLS

- **Programming Languages:** C++, JavaScript, TypeScript, C#
- **Frontend:** HTML, CSS, JS, React, Angular, Bootsrap, Tailwind
- **Backend :** .NET Core, .NET MVC, Node.js, Express.js, Nest.js,
- **Database :** SQL Server, PostgresSQL, MongoDB
- **Tools:** Version Control (git), Jira
- **Other:** Data Structures and Algorithms, Object Oriented Programming, Database Management System