MIHIR PANCHAL

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I'm a passionate MERN stack developer who loves building web applications that are both functional and user-friendly. I enjoy solving real-world problems through code and constantly exploring new technologies. With hands-on experience in React.js and backend technologies like Node.js, I'm eager to contribute to innovative projects and grow as a developer.

Work Experience

Backend Developer Intern | Aveosoft Pvt. Ltd   Apr 2025 – Present (6 months)

Contributing to the development of a scalable CRM platform, focusing on backend architecture and database optimization. Worked extensively with Node.js (TypeScript), TypeORM, and PostgreSQL to build and maintain key modules such as **Task Management**, **Client Portal (Magic Link login)**, and Form Uploads. Refactored existing codebases and optimized SQL queries to **eliminate N+1 query issues**, significantly **improving performance** and **maintainability**. Collaborated with frontend developers to ensure seamless API integration, efficient data handling, and consistent application performance across services.

ReactJS Developer Intern | TST Technology   Aug 2024 – Sep 2024 (2 months)

Worked on real-world projects at TST Technology, where I got hands-on experience with React.js and learned how to build scalable web applications. Contributed to front-end development, optimized website performance, and collaborated with senior developers to implement company frameworks. This experience sharpened my problem-solving skills and gave me a deeper understanding of how things work in a real development environment.

Education

- **B.Tech in Information Technology**, U.V. Patel College of Engineering, Mehsana, 2019 – 2023

- **XII** – Angels School, Deesa, 2018 – 2019

- **X** – Angels School, Deesa, 2016 – 2017

Projects

Portfolio Website
- I wanted a space to showcase my work, so I built my own portfolio website from scratch! Used HTML, CSS, and JavaScript to create an engaging design, adding interactive animations for a modern touch. Deployed it using Vercel to ensure fast and smooth access. This project taught me a lot about UI/UX and responsive design."

CRM
- Developed a feature-rich Customer Relationship Management (CRM) system designed to streamline task tracking and client interactions. Implemented Magic Link authentication for secure user access, created modular RESTful APIs, and integrated form upload handling for dynamic user content. Focused on performance by optimizing database queries and restructuring backend logic to reduce redundant operations. This project enhanced overall data efficiency and provided a strong foundation for future scalability.

Crypsion
- Curious about Blockchain technology, I built an NFT marketplace using Solidity and React.js. Integrated MetaMask for cryptocurrency transactions and designed an intuitive UI with Tailwind CSS. This project helped me understand Web3 fundamentals, smart contracts, and the challenges of decentralized applications

Certifications

- TCS iON Career Edge – Young Professional
- Flipkart GRiD 4.0 – Software Development Challenge
- MERN Stack development course

Technical Skills

Programming languages: HTML, CSS, JavaScript, TypeScript, TypeORM, SequelizeORM

Frameworks and Technologies: NodeJS, ReactJS

Databases: OracleSQL, PostgreSQL

Tools & Services: Git & GitHub, Visual Studio Code, pgAdmin

Interests

- Reading
- Photography
- Exploring tech
- Travel