Hamza Nafasat

Gujrat, Punjab, Pakistan

📞 +923064155025 ✉ gyromaster55@gmail.com in /hamza-nafasat ◯ /hamza-nafasat Portfolio

SUMMARY

I'm a passionate full-stack web developer who builds engaging, interactive websites using HTML, CSS, JavaScript, and React. I create secure and reliable backends with Node.js, Express, and MongoDB, ensuring data safety with strong encryption and authentication. I love learning new tools and tackling challenges, always ready to bring creativity and skill to every project.

PROJECTS

Fleet Management Platform ⬈ | React, Tailwind, Redux, Leaflet, Node.js, Sockets, MongoDB, SQL   **2024**
- Built a real-time fleet management system for tracking trucks, employees, drivers, and sensors.
- Enabled grouping of trucks and dynamic geofencing with LeafletJS to trigger instant alerts when vehicles cross set boundaries.
- Implemented customizable notifications for critical metrics like tire pressure, speed, fuel levels, and accident detection.
- Engineered robust data aggregation across MongoDB and SQL, with options for integrating personal SQL databases for dedicated sensor data.

Smart Parking Management ⬈ | React, RTK Query, MySql, Node.js, Express, MongoDB, Sockets   **2024**
- Developed a SaaS-based smart parking system where managers add buildings, configure floors, and map parking zones using geofenced polygons.
- Integrated sensors in each parking slot with real-time data aggregation across MongoDB and SQL, while supporting personal SQL DB connections.
- Enabled users to search for and book parking spots via an interactive map, with Stripe-powered payments and overtime fee handling.
- Implemented a super admin module for comprehensive oversight and profit sharing between managers and the platform.

Air Quality Management ⬈ | React, RTK Query, Node.js, Express, MongoDB, Sockets, MySql   **2024**
- Built a SaaS-based system for monitoring building environments with real-time air quality data.
- Enabled owners to create buildings, set up floors and rooms using interactive polygons, and attach sensors to each room.
- Collected data such as temperature, humidity, TVOC, CH, OH, and visualized it with advanced dashboard charts.
- Implemented real-time alerts and map-based views using LeafletJS and socket communication.

EXPERIENCE

Tetra Technologies   06 2024 – **present**
Senior MERN Stack Developer   *Lahore, Pakistan*
- Create and optimized backend services for robust applications, significantly boosting system performance.
- Collaborated with cross-functional to deliver innovative and scalable solutions on tight deadlines.
- Leveraged modern development tools and agile methodologies to streamline workflows and enhance productivity.

SKILLS

Languages: Javascript, Typescript, Python (basics), Php (basics)
Frontend: HTML, CSS, SASS, Tailwind, MUI, ReactJs, NextJs, Redux Toolkit, Chart.js
Backend: Node.js, Express, FastApis, MongoDB, MySql, Sockets, Redis Security, Stipe
Cloud Computing: Amazon Web Services, Docker, Render, Vercel
Soft Skills: Problem-solving, Hard-working, Creativity, Adaptability, Critical thinking, Communication Skills

EDUCATION

Islamic University Mukarram Mosque, Gujranwala   2014 -2019
Master in Islamic Studies   *Gujranwala, Pakistan*