MUHAMMAD ZEESHAN HAIDER

Software Engineer | MERN Stack Developer

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SUMMARY

Full-Stack (MERN) Developer with strong experience building and deploying **production-grade applications**. Skilled in designing **scalable RESTful APIs**, **real-time systems**, and **clean, responsive user interfaces** using **Node.js, Express, TypeScript, React, SQL, and MongoDB**. Experienced in **Dockerized cloud deployments (AWS)**, secure authentication flows, and performance optimization, with a proven record of delivering reliable software in **Agile production environments**..

TECHNICAL SKILLS

Frontend: React.js, Next.js, Redux Toolkit, Tailwind, JavaScript (ES6+), TypeScript

Backend: Node.js, Python, Express.js, REST APIs, JWT, Socket.IO, MongoDB, SQL

Cloud & Deployment: Docker, CI/CD

Tools: Git, GitHub, Postman, Agile workflows

PROFESSIONAL EXPERIENCE

Junior Backend Developer (Node.js) — Remote   Jul 2025 – Oct 2025

- Played a key role in building **2 production-grade backend systems**, owning the design and maintenance of **scalable RESTful APIs** using **Node.js, Express, and TypeScript**.
- Designed and optimized **SQL and MongoDB** data layers, managing schemas, improving query performance, and maintaining data integrity across services.
- Engineered **real-time backend features** with **Socket.IO**, delivering live notifications and updates used in production.
- Developed and stabilized critical backend modules (**forum system, user onboarding, profile management, push notifications**), while improving system reliability through middleware refactoring, bug fixes, and **Docker-assisted deployments**.

PROJECT EXPERIENCE

- **Uptime Pulse — URL Monitoring Platform**   Live Link
  Next.js, Node.js, MongoDB, Tailwind, shadcn UI, JWT, node-cron

  Developed a full-stack URL monitoring platform preventing free-tier Render apps from sleeping by sending **automated pings every 13 minutes**, supporting **50+ monitored URLs per user** with secure authentication, persistent login, dashboards, and full CRUD, ensuring **99.9% uptime** for developers.

- **DriveX — Full Stack Car Rental Platform**   Live Link
  React.js, Tailwind, Framer Motion, Node.js, Express.js, MongoDB, Mongoose, Cloudinary

  Developed a full-stack car rental platform featuring 30+ dynamically managed cars, a real-time booking system with day-wise pricing, secure user authentication, and a powerful admin dashboard supporting full CRUD, booking status updates, earnings tracking, and Cloudinary-based image handling for a seamless rental experience.

- **Image Format Converter**   Live Link
  React.js, Tailwind, Node.js, Express.js, Sharp, Multer

  Built a full-stack image converter handling **100+ concurrent uploads**, enabling users to convert images to PNG, JPEG, WebP, or AVIF in real-time with **<2s processing time**, secure uploads, and instant downloads.

- **Expense Tracker App**   Live Link
  React.js, Tailwind, Firebase, Firebase Authentication

  Built a real-time budget tracking app allowing users to set budgets and log expenses with **instant updates**, persistent storage, and a **clean, responsive UI**, enabling efficient personal finance management.

EDUCATION

B.S. Computer Science — PMAS Arid University, Rawalpindi   *2022 – 2026 (Expected)*
F.Sc. (Pre-Engineering) — Fazaia Inter College, Rawalpindi   *2020 – 2022*