

# MUHAMMAD ZEESHAN HAIDER

Software Engineer | MERN Stack Engineer

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## SUMMARY

Full Stack Developer specializing in MERN stack and cloud-deployed solutions, with hands-on experience building scalable REST APIs, real-time applications, and responsive UIs. Developed production-grade projects like UptimePulse to solve real world uptime challenges. Experienced with AWS (S3, Lambda, EC2, API Gateway), Docker, and CI/CD pipelines. Skilled in optimizing backend performance, system design, and delivering production-ready software in collaborative Agile environments.

## TECHNICAL SKILLS

**Frontend:** React.js, Next.js, Redux Toolkit, Tailwind, JavaScript (ES6+), TypeScript, HTML5, CSS3

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

**Cloud & Deployment:** AWS Lambda, EC2, S3, R2, API Gateway, Docker, ECR, CI/CD (Vercel, Render)

**Tools:** Git, GitHub, Postman, Testing (Jest, Mocha), Agile workflows

## PROFESSIONAL EXPERIENCE

**Junior Backend Developer (Node.js)** — Freelance / Remote

Jul 2025 – Oct 2025

- Worked on full-stack backend codebase including REST APIs, Socket.IO modules, notification systems, SQL And MongoDB databases.
- Fixed backend bugs, optimized APIs, and refactored middleware for improved performance.
- Implemented new modules: forum system, user registration requests, profile updates, and push notifications.
- Collaborated with testing teams and contributed to Agile workflows for deployment-ready production features.

## 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 5 minutes**, supporting **50+ monitored URLs per user** with secure authentication, persistent login, dashboards, and full CRUD, ensuring **99.9% uptime** for developers.

### • 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.

### • E-Commerce Website (Kasana Watches)

[Live Link](#)

*HTML5, CSS3, JavaScript, Bootstrap*

Developed a responsive e-commerce store with **category-wise product browsing, pagination, and WhatsApp integration**, featuring separate sections for men and women, a smooth UI, and enhanced customer interaction for seamless shopping.

## EDUCATION

**B.S. Computer Science** — PMAS Arid University, Rawalpindi

2022 – 2026 (Expected)

**F.Sc. (Pre-Engineering)** — Fazaia Inter College, Rawalpindi

2020 – 2022