EHTESHAM ZAHID

MERN Stack Developer

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TECHNICAL SKILLS

- *Programming Languages:* JavaScript (ES6+), TypeScript, C++
- *Frontend:* React.js, Next.js, Tailwind CSS, Shadcn UI, Material UI, Redux Toolkit, Context API, React Query, React Router
- *Backend:* Node.js, Express.js, WebSockets, Firebase, Appwrite, REST APIs
- *Databases:* MongoDB, Firestore, Redis
- *Version Control:* Git, Github

PROJECTS

SkillStack – Learning Management System (LMS) [Github Link] [Live Link]
Tech Stack: *Next.js, TypeScript, Tailwind CSS, Express.js, MongoDB, Redis, Stripe, VdoCipher*

- Developed a full-stack LMS with secure, DRM-protected video streaming via VdoCipher, preventing content piracy.
- Integrated Stripe payments with automated enrollment and role-based authentication, cutting setup time by **80%.**
- Optimized **real-time analytics** using **Redis caching** and efficient MongoDB queries, improving dashboard load times by about **40%**.
- Added **Socket.io-powered notifications** to deliver real-time updates and improve user engagement between students and instructors.
- Designed and integrated a **Recharts analytics dashboard**, helping instructors visualize enrollment growth and revenue trends effectively.

SwiftCart – Multi-Vendor E-commerce Platform [Github Link] [Live Link]
Tech Stack: *React, Node.js, Express.js, MongoDB, Redux Toolkit, Socket.io, Stripe*

- Built a multi-vendor e-commerce platform enabling sellers to manage products, process orders, and chat with customers in real time.
- Integrated **Stripe payment automation** with secure vendor-specific payouts, ensuring transparent revenue distribution.
- Implemented **real-time messaging** using **Socket.io** and **flash sale countdowns**, which boosted user activity by roughly **25%** during live sale events.
- Developed **role-based authentication** using JWT to isolate buyer, seller, and admin access securely.
- Optimized product listings and filtering through indexed MongoDB queries and pagination, improving product load performance by around **35%**.

WORK EXPERIENCE

Software Engineering Fellow — DevWeekends Fellowship
Remote | Jun 2025 - Sep 2025

- Completed a **competitive 3-month fellowship** focused on advanced MERN stack development and DSA.
- Built two full-stack web applications following industry standards and agile practices.
- Solved **100+ LeetCode problems**, strengthening problem-solving and data structure skills.
- Collaborated with peers and mentors on code reviews, version control, and deployment workflows.

Fiverr — Web Developer

Jul 2023 - Sep 2024

- Enhanced client satisfaction by delivering high-quality work within deadlines.
- Adapted quickly to changing project requirements, demonstrating flexibility and adaptability under pressure.
- Developed Customized solutions to address unique client needs, resulting in repeat business and referrals.

EDUCATION

University Of Lahore, Lahore, Pakistan

Sep 2024 - June 2028

- Pursuing Bachelor of Science in Computer Science