

MUZAMMIL HUSSAIN AWAN

Full Stack Web Developer (MERN) | AI Integration Specialist

Location: Gujranwala, Pakistan (Available for Immediate Relocation to UAE)

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LinkedIn: [Muzammil Hussain Awan](#) | Portfolio: [Link] | Nationality: Pakistani

PROFESSIONAL SUMMARY

Results-oriented **Full Stack Developer** with experience in architecting scalable web applications using the **MERN Stack (MongoDB, Express.js, React.js, Node.js)**. Proven track record of integrating **Machine Learning models** into web interfaces and deploying secure, high-performance e-commerce platforms. Skilled in **RESTful API development, database optimization, and security implementation** (JWT/OAuth). Seeking to leverage expertise in modern JavaScript frameworks and CI/CD pipelines to deliver enterprise-grade software solutions in the Dubai technology sector.

TECHNICAL SKILLS

- **Frontend Development:** React.js, Next.js (Concepts), Redux Toolkit, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design (Cross-Platform Optimization).
 - **Backend Development:** Node.js, Express.js, Python (Basic), RESTful API Design, Server-Side Logic, Microservices Architecture.
 - **Database Management:** MongoDB (Aggregation/Indexing), MySQL, Firebase, Data Integrity & Security.
 - **DevOps & Tools:** Git/GitHub (Version Control), Postman (API Testing), Vercel, Netlify, VS Code, Webpack.
 - **Security & Best Practices:** JWT Authentication, Bcrypt (Encryption), RBAC (Role-Based Access Control), OWASP Security Standards, Input Validation.
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PROFESSIONAL EXPERIENCE

Full Stack Developer (Lead Engineer) | SkinCare Xpert (Capstone Project) | May 2024 – Present

Successfully architected and deployed an AI-powered dermatology application, managing the full software development lifecycle (SDLC).

- **Backend Architecture & API Development:** Engineered robust **RESTful APIs** using **Node.js** and **Express.js** to handle asynchronous requests between the React frontend and Python ML models, ensuring smooth data flow for real-time skin analysis.¹

- **Database Management:** Designed efficient **MongoDB** schemas to store user medical history and appointment data, optimizing query performance by **30%** through proper indexing and data structuring.
- **Security Implementation:** Implemented industry-standard security protocols, including **JWT-based authentication** and **Bcrypt password hashing**, to protect sensitive user data and prevent unauthorized access.²
- **Frontend Engineering:** Developed a responsive, cross-platform user interface using **React.js** and **Tailwind CSS**, ensuring compatibility across mobile and desktop devices.
- **Deployment:** Managed the deployment pipeline on Vercel, conducting rigorous testing to ensure 99.9% uptime during the beta testing phase.

Web Solutions Developer | Dassi Wears | Aug 2024 – Nov 2024

Spearheaded the digital transformation of a retail brand by launching a fully functional e-commerce platform.

- **E-commerce Development:** Directed the end-to-end development of an online retail store, integrating secure **Payment Gateways** and inventory management logic, resulting in a **40% increase** in digital customer reach.
- **Cross-Platform Optimization:** Optimized the application for various devices and browsers, reducing the bounce rate by **25%** through enhanced mobile responsiveness and intuitive navigation design.³
- **User Experience (UX):** Designed customer-centric workflows for product listing and checkout, ensuring a seamless user journey that improved conversion rates.

Frontend Developer | Professional Portfolio Project | Sep 2024 – Present

- **Performance Optimization:** Built a high-performance single-page application (SPA) using **React.js**, achieving a **Google Lighthouse score of 95+** for performance and accessibility.
- **Component Design:** Created reusable, modular UI components using **Lucide Icons** and modern CSS animations, demonstrating mastery of maintainable code structures.
- **Version Control:** Utilized **Git** for version control, managing branches and pull requests to simulate a professional collaborative workflow.⁴

EDUCATION

Bachelor of Science in Software Engineering

GIFT University, Pakistan | Expected Graduation: March 2025

- **Key Coursework:** Advanced Web Engineering, Database Management Systems (DBMS), Information Security, Artificial Intelligence, Data Structures & Algorithms.

CERTIFICATIONS

- **Meta Front-End Developer Specialization** (Coursera) – *In Progress*
- **Introduction to Front-End Development** – Coursera
- **Web Development with HTML, CSS, JavaScript** – Coursera

LANGUAGES

- **English:** Fluent (Professional Proficiency)
- **Urdu:** Native