

Danish Butt

Full Stack MERN Developer — Software Engineer

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PROFESSIONAL SUMMARY

Passionate Computer Science student (6th Semester) specializing in **Full Stack Web Development (MERN Stack & Next.js)**. Experienced in translating client requirements and UI designs into pixel-perfect, fully functional web solutions. Proven track record of building, hosting, and deploying scalable, industry-level applications. Adept at designing robust backend RESTful APIs, developing dynamic frontend interfaces, and ensuring seamless user experiences from concept to production.

PROFESSIONAL EXPERIENCE

Work Edge LTD

Full Stack Web Developer

Multan, Pakistan

Dec 2025 – Present

- Actively building, hosting, and maintaining full-stack web applications using the **MERN stack**.
- Translating client requirements and complex UI designs into responsive, pixel-perfect frontend interfaces.
- Managing end-to-end project lifecycles to ensure the deployed product exactly matches the client's vision.

ITSOLERA PVT LTD

Full Stack Web Developer Intern

Multan, Pakistan

Jan 2026 – March 2026

- Developed three major web applications from scratch, focusing on scalable full-stack architecture.
- Engineered and deployed two industry-level MERN stack projects, successfully hosting them on Vercel.

AIR University

C# .NET Core Developer Intern (Backend)

Multan, Pakistan

June 2025 – Sept 2025

- Engineered the backend for a management system using **ASP.NET Core**, adhering to MVC architectural patterns.
- Designed relational schemas in **Oracle 19c** and optimized SQL queries for efficient data retrieval.
- Coded role-based security layers (Authentication/Authorization) to protect sensitive administrative data.
- Implemented **Entity Framework** for efficient object-relational mapping and backend stability.

TECH STACK

Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3, Redux

Backend: Node.js, Express.js, ASP.NET Core, RESTful APIs

Databases: MongoDB, Oracle 19c, Microsoft SQL Server, MySQL

Languages: JavaScript (ES6+), TypeScript, C++, C#, SQL

Tools & Concepts: Git, GitHub, Postman, Vercel, Hostinger, JWT Auth, Socket.IO, Webhooks

DEVELOPMENT PROJECTS

NexTechHub (Enterprise Vendor Management System)

MERN Stack, Hostinger

- Designed and deployed a full-stack vendor management platform streamlining employee tracking, task allocation, and project management.
- Implemented secure role-based access control (Admin/Employee/Client) using **JWT** authentication.
- Developed an automated payment module featuring dynamic PDF payslip generation utilizing **PDFKit**.
- Successfully configured and hosted the production-ready application (React frontend and Node.js API) on **Hostinger**.

Premium E-Commerce Platform

MERN Stack, Stripe, Socket.IO

- Integrated **Stripe PaymentIntents API** with secure webhook event handling and a dynamic coupon validation system.
- Built a comprehensive admin dashboard for dynamic sales analytics, inventory management, and product CRUD operations.
- Engineered advanced product catalog filtering, full-text search, and pagination using **MongoDB** and Mongoose.
- Implemented **Socket.IO** for real-time order updates and **Google OAuth 2.0** for secure authentication.

Real-Time Chat Engine

MERN Stack, Socket.IO, Tailwind CSS

- Engineered a scalable, low-latency communication server using **Node.js** and **Socket.IO**, supporting private/group messaging, typing indicators, and read receipts.
- Designed an efficient **MongoDB** schema for high-speed message history retrieval and unread count calculations.
- Developed a highly responsive frontend using **React.js** and **Tailwind CSS**, delivering a modern, intuitive UX.

EDUCATION

Bachelor of Science in Computer Science

Oct 2023 – Present

AIR University, Multan

Currently in 6th Semester

Focus: Full Stack Web Development, Software Engineering, Object-Oriented Programming (OOP).

Engineer's Degree, Engineering

July 2020 – May 2022

Punjab Group Of Colleges