

# Talha Younas

Full Stack Developer (MERN)

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MERN Full Stack Developer with 1+ year of production experience shipping JWT-secured, real-time apps with NestJS, RBAC, and Socket.IO. Strong on the React 19 + Vite + Tailwind front-end and on PostgreSQL / MongoDB schemas. Final-semester BSIT student at Superior University. Comfortable owning the entire MERN stack - auth, real-time dashboards, REST/GraphQL APIs, and deployment.

## EDUCATION

**Bachelor in Information Technology** — *Superior University - Lahore*

Expected June 2026

## SKILLS & EXPERTISE

**Frontend:** React.js, JavaScript, TypeScript, Axios, HTML5, CSS3, Tailwind CSS, Material-UI, Bootstrap, Context API, Responsive UI

**Backend:** Node.js, Express.js, NestJS, RESTful APIs, GraphQL, JWT, OAuth, RBAC, WebSocket / Socket.IO

**Databases:** MongoDB, PostgreSQL, MySQL, Query Optimization

**ORMs:** Prisma, TypeORM, SQLAlchemy

**DevOps:** Docker, AWS (EC2, S3), Linux, Git, GitHub, BitBucket, Jira, Postman, Swagger

## PROFESSIONAL EXPERIENCE

**Full Stack Developer** | *Convier Solutions — Lahore*

Nov 2025 – March 2026

- **Full-Stack MERN:** Engineered scalable MERN-stack applications focusing on system modularity and code maintainability.
- **JWT & Auth:** Implemented robust JWT-based authentication and standardized API protocols across multi-role apps.
- **UI Engineering:** Designed and deployed responsive React.js components with complex state management (Context API + custom hooks) for seamless user interaction.
- **API Optimization:** Architected GraphQL APIs that reduced frontend loading times and optimized data fetching.

**Backend Developer** | *Devsinn Technologies — Lahore*

May 2025 – Oct 2025

- **Real-Time / WebSocket:** Implemented a Socket.IO notification system delivering instant order updates and live-dashboard synchronization.
- **RBAC:** Established a sophisticated Role-Based Access Control system to secure sensitive data across multiple user roles.
- **Backend Architecture:** Built high-performance services using NestJS and TypeORM with strict type-safety.
- **DevOps:** Containerized development environments using Docker and PostgreSQL.

## PROJECTS

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### **AutoMarketer AI – Full-Stack Marketing Automation Platform** | *Node.js, NestJS, React 19, TypeScript, PostgreSQL, Docker, n8n, Hugging Face API*

- Architected a modular NestJS backend with JWT auth, Passport.js strategies, and custom RBAC. Built a React 19 analytics dashboard with Vite + Recharts featuring real-time campaign insights and a drag-and-drop content calendar. Integrated Hugging Face for AI content generation and n8n for automated workflows. Deployed via Docker Compose.

### **MedAI Assistant | Full-Stack AI Engineer** | *Python, FastAPI, React 19, TypeScript, PostgreSQL, Docker, RAG, LLMs*

- Developed a full-stack healthcare platform using FastAPI and React 19, implementing RAG (Retrieval-Augmented Generation) for clinical data insights.
- Architected a PostgreSQL schema to manage complex medical records and symptom data, enabling high-accuracy retrieval via LLMs.
- Engineered a responsive, type-safe dashboard with TypeScript and containerized the application using Docker for scalable deployment.

### **Vendor ERP Backend System** | *NestJS, TypeScript, PostgreSQL, TypeORM, Socket.IO, Docker*

- Architected a scalable NestJS + TypeScript backend with JWT authentication and Role-Based Access Control for secure multi-role data access.
- Engineered concurrency-safe REST APIs for full-lifecycle order management. Integrated Socket.IO for real-time role-specific dashboard broadcasting.
- Designed relational schemas in PostgreSQL via TypeORM. Containerized with Docker.

### **Full-Stack GraphQL Event Management Platform** | *Node.js, NestJS, GraphQL, React, PostgreSQL*

- Architected a modular GraphQL API using NestJS and Prisma ORM, reducing over-fetching of data by 40% compared to traditional REST patterns.
- Engineered a secure booking and reservation system featuring JWT-based authentication and complex relational data modeling in PostgreSQL.
- Developed a high-performance React dashboard with reusable UI components, providing real-time event analytics and user interaction tracking.