

UMAD AHMAD

FULL STACK TYPESCRIPT DEVELOPER



CONTACT

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SKILLS

- Nest.Js
- Node.Js
- Postgres, MySql, MongoDB
- Redis
- Express.Js
- React.Js
- Typescript
- Typeorm
- Microservices Architecture

LANGUAGES

- English (Fluent)
- Urdu/Hindi (Native)

INTERESTS

- Nature Photography
- Travelling
- Gaming
- Current Affairs



PROFILE

Senior Full Stack Developer with 4+ years of experience specializing in TypeScript ecosystems. Expert in building scalable backend systems with NestJS, TypeORM, and PostgreSQL, complemented by modern frontend development using Next.js and React.



WORK EXPERIENCE

Transworld Home 07/2025 - PRESENT
Full Stack Developer

- Developing Orion Customer Management Platform using NestJS, TypeORM, and PostgreSQL, implementing secure APIs, telecom billing integrations, and account management features serving 50K+ customers
- Architected microservices backend with NestJS modules, custom guards, and interceptors, reducing API response times and improving system scalability for large-scale customer usage

Beyond IT Solutions 08/2023 - 06/2025
Senior Backend Developer

- Elektra** - Built high-performance backend using NestJS, TypeORM, and PostgreSQL with WebSocket integration, handling 10K+ concurrent users.
- Ubrealty** - Developed scalable backend with NestJS and TypeORM, implementing geolocation search with PostGIS, property listing APIs, and user management system supporting 500K+ property listings with optimized database queries/
- Sikee** - Designed backend infrastructure using NestJS, TypeScript, and PostgreSQL for appointment scheduling, therapist matching algorithms, and real-time chat (Socket.IO) with Agora SDK video integration.
- Liberty Swap** - Built trading platform backend with NestJS and TypeORM, implementing secure deposit/withdrawal APIs, real-time price feeds, and transaction processing
- Stretch Up** - Delivered workout tracking backend using NestJS, TypeORM, and Redis caching, with REST APIs for exercise logging and progress analytics.
- Armada** - Created booking management backend with NestJS, TypeORM, and PostgreSQL, implementing vehicle tracking, secure payment processing with Stripe integration, and booking workflows

Packaging Automation Limited (Part Time) 09/2023 - 02/2025
MERN Developer

- Contributed to developing and enhancing MiWeigh, a high-performance industrial weighing and packaging automation system.
- Implemented **real-time reporting features** that tracked KPIs like operator speed, giveaway control, and cost per unit.
- Built and maintained MERN stack modules supporting real-time data visualization, operator dashboards, and performance analytics.

Softoo

08/2022 - 07/2023

Software Engineer

- Engineered APIs and microservices for Boohoo Group's Global Returns System, improving performance and scalability for large-scale operations

MTechub

01/2021 - 03/2022

Junior MERN Developer

- Developed and optimized RESTful APIs and microservices for enterprise applications, improving system performance and reducing infrastructure costs.

Fiverr (Part Time)

07/2021 - 08/2022

Freelance Developer

- Delivered 5+ full-stack applications for global clients (booking systems, travel platforms, auction marketplace, enterprise dashboards)

EDUCATION

BS Software Engineering

2017 - 2021

International Islamic University, Islamabad

FSc Pre-Engineering

2015 - 2017

Fauji Foundation College, Rawalpindi

Matric (Science)

2013 - 2015

Fauji Foundation College, Rawalpindi