

# 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