

Muhammad Huzaifa Awan | [LinkedIn](#) | [Portfolio](#)

Senior Full Stack Developer | .NET Core | React.js | Node.js

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with 3+ years of professional experience architecting and delivering scalable web applications, SaaS platforms, and desktop systems across the full software development lifecycle. Known for owning complex technical challenges end-to-end, from database design and API architecture to frontend performance and production monitoring. Built and shipped a production Model Context Protocol (MCP) server integrating Claude Desktop with live business systems, exposing 60+ tools across project management, calendar, and health data, a capability most senior developers do not have. Built and optimized systems serving 100+ concurrent users with sub-50ms response times and 95% Redis cache hit rates. Experienced leading development efforts in collaboration with US-based product and design teams, integrating AI APIs, building payment infrastructure, and delivering multilingual, cross-platform applications.

TECHNICAL SKILLS

Backend: C#, ASP.NET Core, .NET 5/6/7/8, Entity Framework Core, RESTful APIs, WebSockets, MVC, Node.js, Express.js, Python, FastAPI

Frontend: React.js, Next.js, TypeScript, JavaScript ES6+, HTML5, CSS3, SASS, Tailwind CSS, Bootstrap, jQuery, XAML (WPF)

Databases & Caching: SQL Server, MySQL, PostgreSQL, SQLite, Redis, Supabase, Neon Postgres

AI & Integrations: Model Context Protocol (MCP), OpenAI API, Claude API, LLM Prompt Engineering, AI Image Analysis (Claude Vision), Structured AI Outputs, Microsoft Graph API

Payments & Auth: Stripe (Subscriptions, Webhooks, One-time Payments), Firebase OTP Authentication, OAuth 2.0, Shippo API (Shipping & Logistics), Zapier Webhooks

DevOps & Tooling: Git, Azure DevOps, GitHub Actions, Docker, CI/CD Pipelines, Fly.io, Vercel, PyInstaller, Postman, Visual Studio, VS Code

Specializations: Dynamic PDF Generation (iTextSharp), Multilingual i18n (English, Spanish), PWA Development, Desktop Apps (WPF/XAML)

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer | LEO Innovate — SaaS Salon Management Platform

June 2024 – Present • Remote, USA (Florida)

- Architected and shipped a real-time website builder using WebSocket-powered live preview on ASP.NET Core and React, enabling instantaneous client-side updates without page refreshes across a multi-tenant SaaS environment
- Owned API performance end-to-end, tuned SQL Server queries and introduced Redis caching strategy that achieved a 95% cache hit rate and sub-50ms response times under 100+ concurrent users
- Designed and built an analytics dashboard with dynamic data visualization for salon operations, alongside a TV queue display system and a self-service kiosk check-in flow with Firebase OTP mobile verification
- Led multilingual rollout of the web platform (English and Spanish) using i18n best practices including proper URL structure, routing, and redirects
- Developed a dynamic PDF generation system with structured multi-section layouts, multilingual content support, and security metadata footers using iTextSharp
- Drove a major legacy codebase refactor across 5,000+ lines of C#, reducing technical debt by 30% and meaningfully accelerating feature delivery cadence
- Reduced production incidents by 40% by establishing testing frameworks and embedding structured issue documentation into the requirements process
- Collaborated daily with US-based product, design, and business analyst teams through standups and sprint planning on Azure DevOps

Full Stack Developer | FABCO Inc. / Divisional Public School

May 2023 – September 2024 • Lahore, Pakistan

- Led migration of a legacy monolithic application to a modern full-stack architecture built on .NET and JavaScript, now serving 200+ daily active users
- Optimized MySQL database layer reducing page load times from 3 seconds to under 500ms through query restructuring and indexing improvements
- Resolved 50+ legacy code defects, stabilizing the system and improving reliability by 40%
- Designed and implemented RESTful APIs and responsive frontend interfaces from scratch to support the migrated platform

KEY PROJECTS

- **Studio OS — MCP Server & Operational Aggregator** — Sole architect of a FastAPI + Model Context Protocol server exposing 60+ tools to Claude Desktop for reading and writing across ClickUp, Microsoft Outlook (dual M365 tenants), Apple Health, and Oura; dual-transport from one codebase (stdio PyInstaller .exe and Streamable HTTP on Fly.io), nightly idempotent GitHub Actions ingest into Neon Postgres with full write audit logging, multi-tenant Graph OAuth 2.0, and a custom KPI analytics layer (capacity, estimation accuracy, slippage), packaged as a one-click Windows installer
- **Real-Time Website Builder** — WebSocket-powered live preview system on ASP.NET Core + React with multilingual support and multi-tenant SaaS architecture
- **Apex Synchronia Intelligence Platform** — AI-powered data processing platform integrating Claude and OpenAI APIs with structured output handling and prompt engineering
- **Affiliate Management System** — Full-stack platform built on Next.js and Supabase PostgreSQL with Stripe subscription billing, one-time payments, and webhook handling
- **Self-Service Kiosk Check-In** — End-to-end kiosk system for customer flow and queue management with Firebase OTP authentication
- **Analytics Dashboard** — Dynamic reporting and data visualization platform with filtering for real-time salon operations
- **E-commerce Platform** — Full stack React and Node.js marketplace with AI chat integration and Stripe payment processing
- **Dynamic PDF Generation** — Structured multi-section PDF system with multilingual content and security metadata, built with iTextSharp
- **Desktop Application Suite** — WPF/XAML desktop applications with SQLite local storage and EXE packaging using .slnx solution files

EDUCATION

Bachelor of Science in Computer Science

National University of Modern Languages (NUML) • Lahore, Pakistan • Graduated 2026

LANGUAGES

English: C1 Advanced — daily professional communication with US-based teams

Urdu: Native