

WALEED AJAZ

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-stack software engineer with 7+ years of experience architecting and delivering scalable web applications for NGO, enterprise, and technology clients. Deep expertise in React, Node.js, Next.js, TypeScript, and .NET Core, with a strong track record of improving system performance, leading legacy modernization initiatives, and deploying cloud-native solutions on Azure. Experienced in AI/ML integration, real-time distributed systems, microservices architecture, and technical leadership across the full software delivery lifecycle. Based in Islamabad, Pakistan; open to remote roles with international teams and willing to relocate.

WORK EXPERIENCE

Full Stack DeveloperDec 2025 – Apr 2026

Daixara Technology | Lusail, Qatar (Remote-eligible role)

- Spearheaded comprehensive audits of 5+ legacy .NET systems, identifying critical performance bottlenecks, N+1 query patterns, and architectural risks, then delivering phased modernization roadmaps that reduced estimated remediation timelines by ~40%.
- Implemented async message queue architectures (background job queues, event-driven pipelines) to replace synchronous blocking workflows, reducing average request latency by ~45% and improving system throughput under peak load.
- Built a real-time multilingual meeting translation platform integrating Hugging Face models — Faster-Whisper for Automatic Speech Recognition (ASR) and XTTS v2 for voice cloning — supporting live transcription and translation across 10+ languages for concurrent meeting participants.
- Extended the platform with audio/video file processing, speaker diarization, Retrieval-Augmented Generation (RAG)-powered meeting Q&A, and auto-generated meeting minutes, deployed as a Dockerized Go + Python microservices architecture with PostgreSQL and Keycloak authentication.

Software DeveloperMar 2020 – Jun 2025

Qatar Charity | Lusail, Qatar

- Modernized a legacy .NET MVC monolith serving 50K+ users by decomposing it into modular components and RESTful APIs, reducing average page load time by 35% and enabling independent feature deployments.
- Led database query optimization across critical modules using Entity Framework and LINQ refactoring, improving execution time by 40% and reducing server load during peak donation campaigns.
- Engineered reusable React component libraries integrated with 3rd-party campaign analytics and donor tracking APIs, reducing feature development time by ~30% and enabling operational teams to access real-time data without engineering support.
- Architected GitHub Actions CI/CD pipelines for .NET Core services on Azure App Services, cutting release cycles from bi-weekly to on-demand and achieving zero-downtime deployments across production environments.
- Designed Python automation scripts that reduced manual data validation time by ~60%, processing thousands of donor records daily and generating automated SQL Server Reporting Services (SSRS) reports for quarterly humanitarian impact reviews.

Software DeveloperSep 2019 – Dec 2019

Mirwad Fragrances | Lusail, Qatar

- Customized and deployed an Odoo ERP system by developing Python modules tailored to logistics and operations workflows; implemented Azure serverless functions for real-time order tracking and automated reporting, reducing manual reporting effort by ~50%.
- Built a Scrapy-based web scraping pipeline to extract and normalize 10,000+ fragrance attribute records from 8 competitor sources, improving recommendation engine product-matching accuracy by ~20% and eliminating manual data curation.

Junior Software DeveloperSep 2018 – May 2019

Smart Village | Doha, Qatar

- Delivered 4 cross-platform desktop and mobile applications in C#.NET, Java, and Python, automating manual client workflows across 3 engagements and reducing average processing time by ~25%; developed front-end interfaces in React with secure REST API integrations via API Gateway.

SKILLS

Languages & Frameworks: React (primary), Node.js, Next.js, TypeScript, Python, C#, .NET Core, Express.js, Go

Databases: SQL Server, PostgreSQL, MongoDB

Cloud & DevOps: Azure (App Services, DevOps, Functions), Docker, GitHub Actions, CI/CD Pipelines

API & Architecture: RESTful API Design, GraphQL, Microservices, Message Queues, WebSockets, Distributed Systems

AI & ML: Hugging Face (Whisper, XTTS), RAG Pipelines, Speaker Diarization, LLM Integration

Reporting & Analytics: Power BI, Microsoft SSRS

PROJECTS

Legacy .NET Auditor github.com/RoastedBrotato/legacy-dotnet-auditor

- Python-based static analysis CLI tool for auditing ASP.NET MVC and WebForms applications. Detects anti-patterns including DB calls in loops, N+1 queries, synchronous blocking (.Result.Wait()), and missing async/await — generating detailed Markdown reports with Mermaid architecture diagrams, performance risk tables by severity, and phased modernization roadmaps.

Rust Shell & Language Interpreter github.com/RoastedBrotato/Projects

- Built a custom programming language interpreter in Rust from scratch, implementing a full lexer, recursive-descent parser, and AST evaluator with test-driven development — covering variable scoping, expression evaluation, control flow constructs, and function calls.

EDUCATION

Diploma in Information Systems Software Sep 2016 – Jul 2018

University of Doha for Science and Technology | Doha, Qatar

LANGUAGES

English — Full Professional Proficiency | Arabic — Limited Working Proficiency