SYED GHAYYUR ABBAS

Senior Full Stack Engineer | .NET Core / C# · Next.js / React / Vue.js / Angular · PostgreSQL / SQL Server

Enterprise & Government Applications · RESTful APIs · System Integration · Performance Optimization

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PROFESSIONAL SUMMARY

Senior full stack engineer with nearly 7 years designing, building and supporting enterprise and government applications in the UAE and Pakistan. Backend in C#, ASP.NET Core, Entity Framework and RESTful APIs; frontend in Next.js, React, Vue.js, Angular and TypeScript; data in PostgreSQL and SQL Server. Delivers secure integrations with enterprise and government platforms (UAE PASS, DocuSign, payment gateways), optimizes application and database performance, and has led development teams through solution reviews, production support and Agile delivery. Works closely with project managers, business analysts, QA and support engineers to turn business requirements into scalable, maintainable systems.

CORE SKILLS

- **Frontend:** Next.js, React.js, JavaScript, TypeScript, HTML5, CSS3, Vue.js, Angular
- **Backend:** C#, .NET / ASP.NET Core, ASP.NET MVC, Entity Framework / EF Core, Dapper, RESTful Web APIs, Node.js
- **Databases:** PostgreSQL, SQL Server, relational database design, complex SQL queries and views, query performance optimization, Redis, MongoDB
- **Architecture & practices:** enterprise application development, object-oriented programming, microservices, system integration, Agile Scrum, code review, OWASP secure coding, token-based authentication, data encryption
- **Cloud & DevOps:** Docker, Azure, AWS, GCP, CI/CD pipelines, Git, SVN
- **Integrations:** UAE PASS (digital signature and hash signing), DocuSign, Firebase Cloud Messaging, PayPal, Alipay, WeChat Pay, Mollie
- **Additional:** Python / FastAPI, Generative AI (LangChain, LangGraph, RAG), Power BI

PROFESSIONAL EXPERIENCE

Software Developer — Intalio (Everbusiness Solutions LLC), UAE Oct 2023 – Present

- Design, develop and maintain cloud-based, highly available enterprise applications for UAE government entities using C#, ASP.NET Core, Entity Framework, Dapper, SQL Server and Vue.js.
- Built a management application for a Quranic education institute (IACAD) with an ASP.NET Core backend and a Next.js frontend.
- Delivered end-to-end integrations with enterprise and government platforms: UAE PASS digital signature and hash signing, DocuSign and Firebase Cloud Messaging.
- Extended correspondence and committee-meeting systems (CTS, CMMS, Tawazun) with new workflow and committee modules and a full UI redesign; created the boilerplate for the Vue 2 to Vue 3 upgrade.
- Built MediaHub, a six-service microservices platform on PostgreSQL, Redis and Docker (FastAPI, Vue 3, TypeScript), with AI media analysis, semantic search and a RAG chatbot.
- Wrote and optimized SQL views to restructure data and reduce execution time for DPW Sharjah Power BI reporting.
- Work directly with government clients and cross-functional teams across requirements, delivery and support.

Lead Software Developer — Skill Sorted, Pakistan Mar 2021 – Oct 2023

- Led system design, development and performance optimization across healthcare, recruitment, e-commerce and blockchain products.
- Reviewed technical solutions, supported onsite teams and contributed to developer performance reviews.
- Analyzed and resolved production-critical issues; delivered projects for government entities.
- Built .NET laboratory information management systems with React (JLIMS) and with ASP.NET MVC and Angular (JHealth), including report generation and web-service integrations with external systems.
- Built cloud-based .NET Core systems for TB programs (Angular, Vue.js) with periodic reporting and data visualization.
- Implemented token-based authentication and data encryption on a recruitment platform, and integrated PayPal, Alipay, WeChat Pay and Mollie payment gateways.
- Built a React-based NFT marketplace with Web3 wallet integration.

Software Engineer — ArkTech (powered by Bullseye Engagement, USA), Pakistan Jan 2020 – Mar 2021

- Developed an enterprise HR platform with ASP.NET MVC, Angular, Entity Framework and SQL Server covering training, workforce planning, appraisals, compensation and performance management.
- Improved server performance by shifting processing to the client side, and processed documents with OpenXML without COM dependencies.
- Worked in an Agile team to develop, test and maintain web applications.

SIDE PROJECT

Co-Founder & CTO — Meridian Carbon Exchange, Pakistan Jul 2026 – Present

- Co-founded a digital exchange for issuing, tracking and trading tokenized carbon credits in emerging markets.
- Lead technology and product development, including exchange architecture, credit tokenization and registry integration.
- Delivered a working MVP and demonstrated it to institutional and development-finance stakeholders.

EDUCATION

- **Bachelor of Computer Science (BCS, 4 years)** — Barani Institute of Information Technology (BIIT), Rawalpindi, Pakistan | CGPA 3.89 / 4.0
- **FSc (Higher Secondary)** — F.G. Science College for Men, Wah Cantt, Pakistan

LANGUAGES

English (professional) · Urdu (native)