MUHAMMAD WASEEM YOUNAS

SENIOR .NET BACKEND ENGINEER | TECHNICAL LEAD | GENERATIVE AI INTEGRATION

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PROFESSIONAL SUMMARY

Senior .NET engineer and technical lead with 9+ years building enterprise applications, microservices, secure REST APIs, payment integrations, and production systems. Lead 15+ direct-report developers through architecture, code reviews, Agile delivery, and weekly releases. Hands-on delivery of procurement and real-time auction platforms, plus Generative AI/agent capabilities integrated through Python services. Experienced in SQL/EF Core performance troubleshooting, AWS infrastructure, automated testing, code-quality gates, and CI/CD.

TECHNICAL SKILLS

Backend & data: C#, ASP.NET Core, ASP.NET MVC, .NET 6/7/8, REST APIs, EF Core, LINQ, SQL Server, PostgreSQL, microservices, SignalR, SQL execution plans

AI & frontend: Generative AI, LLMs, AI agents, Anthropic, LangChain, LangGraph, RAG, vector databases, Python, FastAPI; Angular, TypeScript, JavaScript, HTML/CSS

Security & integration: JWT, two-factor authentication, role-based access, secure APIs, HyperPay, Moyasar, third-party integrations

Cloud, delivery & quality: AWS, Azure, Docker, Kubernetes, Terraform, GitHub Actions, Azure DevOps, Jenkins, AWS CloudWatch, WAF, load balancing, Prometheus, Grafana, xUnit, SonarQube, CI/CD, Agile/Scrum, Jira

PROFESSIONAL EXPERIENCE

Absolute Solutions — Riyadh, Saudi Arabia | Senior Full Stack Architect / DevOps Engineer | Aug 2024 – Present

- Lead 15+ direct-report developers across architecture, code reviews, daily Scrum, sprint planning, requirements and client delivery; coordinate weekly Monday deployments and incorporate client feedback into subsequent sprints.
- Architected and developed Mithaaq procurement automation with .NET microservices and Angular; integrated Moyasar payments and a separate Python AI-agent service for item recommendations, RFQ generation/analysis and supplier discovery using certifications, order history and ratings.
- Implemented Mithaaq AWS infrastructure and automated delivery with Terraform, Docker, GitHub Actions, CloudWatch, WAF and load balancing.
- Developed backend auction workflows for Saudi vehicle/property bidding (live, online and offline), bidder wallets, real-time SignalR updates, notifications and HyperPay payment integration.
- Diagnosed slow SQL queries, EF Core N+1 patterns, API bottlenecks and integration failures using execution-plan analysis, query optimization and reduced unnecessary database calls; resolved production performance and reliability issues.
- Applied xUnit automated tests, SonarQube static analysis/quality gates, code reviews and QA release validation across development, staging and production environments; supported functional, regression and bug-verification processes.
- Contributed secure APIs and integrations for Bataqa NFC employee identity (JWT/2FA), smart-card access, document management with encryption and permissions, and nutrition subscription workflows.

CheckClik — King Abdullah Economic City, Saudi Arabia | Technical Project Manager / Full Stack .NET Developer | Aug 2022 – Aug 2024

- Took over an existing multi-vendor e-commerce platform from an offshore team; stabilized functionality, completed missing modules and supported AWS production deployment.
- Led a five-person multidisciplinary delivery team; built merchant storefront, catalog/order, shipment, payment and ledger workflows with .NET MVC, HyperPay, SMSA shipping and STC Jawal integrations.
- Managed CI/CD and containerized deployments using Docker and Kubernetes; used Prometheus and Grafana for monitoring and production troubleshooting.

FutureNow Technologies — Lahore, Pakistan | Full Stack .NET Developer | Aug 2021 – Aug 2022

- Maintained and enhanced Healthcare Highways, a UK employee health-benefits platform handling employer onboarding, Excel imports, plans, balances and dependents; resolved production issues and collaborated with UK clients in daily Scrum.

3S Solutions Pvt Ltd — Lahore, Pakistan | Full Stack .NET Developer | Jan 2021 – Aug 2021

- Developed and maintained .NET web applications, backend services and SQL Server stored procedures; handled client requests and production support.

Softech Systems — Lahore, Pakistan | Full Stack .NET Developer | Apr 2019 – Jan 2021

- Built healthcare features for remote appointments, online payments, prescriptions, protected patient records and WebRTC consultations; contributed to a golf academy platform with subscriptions, scheduling, payments and an online store.

Nodlays — Lahore, Pakistan | Software Developer | Feb 2017 – Apr 2019

- Delivered .NET MVPs and business applications spanning HR, restaurant ordering, legal case management and e-commerce; contributed to frontend and UI design.

ADDITIONAL SELECTED DELIVERY

- Amazon Product Shortlister: Built a .NET/Python AI-agent application with Angular to shortlist e-commerce products using configurable research criteria; deployed as a monolith on local hosting.
- RFID / NEOM-related procurement: Supported supplier research and technical/commercial proposals; integrated RFID tag and reader-gate data through APIs.
- Independent freelance work: Delivered 200+ projects through Fiverr spanning .NET/MVC, APIs, integrations, cloud/deployments, DNS and hosting configuration.

EDUCATION

Bachelor of Science in Computer Science | Government College University, Lahore, Pakistan | 2017