MUAZ ALBALI

.NET Team Lead | Senior Software Engineer | Full-Stack Development | Enterprise Solutions | Agile & Scrum Delivery

Istanbul, Turkey | +90 537 761 8847 | muaz.albali@gmail.com | muaz-albali.com | linkedin.com/in/muaz-albali

PROFESSIONAL SUMMARY

.NET Team Lead and Senior Software Engineer with +8 years of experience delivering enterprise-scale applications across e-commerce, ERP, logistics, and fintech domains. Specialized in .NET, Microservices, Azure DevOps, Docker, Kubernetes, and distributed systems. Proven experience leading Agile engineering teams, designing scalable architectures, and driving end-to-end software delivery. Passionate about building high-performing teams and delivering reliable, business-driven solutions.

CORE COMPETENCIES

Leadership & Agile: Team Leadership, Scrum Master, Agile Project Management, Mentoring, Code Reviews

Backend Development: C#, .NET / ASP.NET, ABP Framework, Microservices, RESTful APIs, Domain-Driven Design, SOLID Principles

Databases: SQL, SQL Server, PostgreSQL, MongoDB, Firestore

DevOps & Cloud: Docker, Kubernetes, Azure DevOps, Azure Pipelines, CI/CD, Linux Server Deployment

Messaging & Caching: RabbitMQ, Kafka, Azure Service Bus, Redis

Monitoring & Search: Elasticsearch, Kibana, Grafana, Prometheus

Security: OAuth2, JWT, OpenIddict, Azure AD

Integrations: Payment Gateways (PayPal, Stripe, Iyzico, Albaraka, Checkout, Flutterwave), Shipping Provider (DHL, FedEx, EMX), SMS/Email Providers, Zoho API, Google Maps, Firebase

PROFESSIONAL EXPERIENCE

Team Lead & Scrum Master — AppTech Systems **Jun 2023 – Present**

Istanbul, Turkey — Full-Time, Hybrid

- Led a cross-functional engineering team, driving Agile Scrum ceremonies and ensuring the successful delivery of high-quality software solutions.
- Mentored and coached developers through technical guidance, code reviews, and Agile best practices, fostering continuous learning and maintaining high engineering standards.
- Collaborated closely with product owners and stakeholders to refine product backlogs, align business priorities, and ensure predictable sprint delivery.
- Established a culture of continuous improvement by leveraging team feedback, delivery metrics, and performance insights to optimize development processes.
- Designed and optimized relational and NoSQL database solutions (SQL Server, PostgreSQL, MongoDB), improving scalability, query performance, and data reliability for enterprise applications.
- Architected scalable event-driven microservices using Kafka, RabbitMQ, and Azure Service Bus to support reliable asynchronous communication.
- Implemented secure authentication and authorization solutions using OAuth2, JWT, OpenIddict, and Azure AD, ensuring compliance with modern security standards.
- Automated CI/CD pipelines and managed Linux-based deployments using Azure DevOps and Azure Pipelines, streamlining software delivery and release processes.
- Monitored sprint velocity and burndown metrics to identify delivery risks, remove impediments, and improve team predictability.
- Produced comprehensive technical documentation, including system architecture, solution designs, and development workflows, to support knowledge sharing and long-term maintainability.

Senior Software Engineer (.NET) — AppTech Systems **Jan 2022 – Jun 2023**

Istanbul, Turkey — Full-Time, On-Site

- Designed and maintained scalable .NET applications using the ABP Framework, applying Domain-Driven Design and SOLID principles.
- Developed RESTful APIs and asynchronous, event-driven workflows for microservices deployed via Docker and Kubernetes, enhancing system flexibility and scalability.
- Successfully integrated third-party services, including Google Maps, Firebase, Firestore, and payment gateways (PayPal, Stripe, Iyzico, Albaraka, Checkout, Flutterwave), expanding application capabilities.
- Connected SMS providers (Infobip, Twilio, Turkey SMS), SMTP services, shipping partners (DHL, FedEx, EMX), and Zoho Books, improving communication and business operations.
- Significantly improved response times through Redis caching and query optimization; effectively indexed data with Elasticsearch and proactively monitored systems with Prometheus and Grafana.
- Utilized tools such as Swagger, Scalar, and Postman to ensure quality and facilitate testing of APIs and their documentation.
- Owned features from technical design through to production deployment, ensuring a complete and integrated development lifecycle.
- Troubleshot, debugged, and resolved software defects, technical risks, and performance bottlenecks in a timely manner.
- Prepared and maintained technical documentation for software development projects, facilitating understanding and maintenance.
- Ensured high availability and fault tolerance across distributed systems, enhancing application stability.
- Stayed current with industry trends and best practices, applying modern technologies to foster innovation.

Back-End Developer (.NET) — Adam ICT **Mar 2019 – Mar 2022**

Istanbul, Turkey — Full-Time, On-Site

- Developed and maintained ASP.NET applications with Microsoft SQL Server backends, delivering robust solutions to clients.
- Built responsive front-end components using HTML, CSS, Bootstrap, JavaScript, and AJAX, enhancing user experience.
- Implemented content localization, JSON-based data exchange, and script bundling to optimize application performance.
- Collaborated effectively with cross-functional teams in a fast-paced, iterative development environment, contributing to successful project delivery.

KEY PROJECTS

- **Alawael School —** Digital school management platform with admin dashboard, teacher portal, and parent app for schedules, grades, attendance, and communication.
- **MK3 —** Mobile and web e-commerce platform for automotive parts and diagnostic tools, with multi-store management, products, stock and order management, payments, shipping providers integration and after-sales support.
- **RESS —** All-in-one consumer app combining ride booking, food ordering, roadside assistance, and security services.
- **Sirasiz —** Appointment booking platform business discovery, ratings and Google Maps integration.
- **Marti Cars —** Mobile and web platform for car rental operations, managing driver availability, reservations, and vehicle logistics.
- **iBroker —** B2B real estate app connecting property buyers and sellers in the Turkish market.
- **HFA —** Enterprise website for company registration, tax filing, and business management services.
- **Hetha Alsharq —** E-commerce platform for custom shoe design, featuring 3D customization tools and online payments.
- **Contiom —** AI-powered content generation tool that produces articles from user data and templates.
- **KERN —** Web and Mobile APPS (Teacher, Parent and Students) School ERP system automating operations, reporting, and 100+ management modules.
- **Adam Real Estate —** Platform for real estate companies to archive, manage, and evaluate business assets.
- **Adam eCommerce —** All-in-one e-commerce platform for product promotion, storage planning, and merchandising.
- **La Bella Gioielli —** Mobile app for a luxury jewelry brand, enabling product exploration, ordering, and authorization requests.
- **User Card —** Mobile app offering digital gift cards, multiple payment options, and technical support.
- **Maksad —** Educational platform connecting students with academic guidance, scholarships, and training programs.

EDUCATION

Bachelor's Degree, Software Engineering **2025 – 2026**

University of Greater Manchester, United Kingdom — BEng (Hons) Software Engineering

HND, Computing and Systems Development **2016 – 2018**

Pearson College London, United Kingdom — Distinction

CERTIFICATIONS

Professional Scrum Master I (PSM I) — Scrum.org, July 2023

LANGUAGES

Arabic (Native) | English (Intermediate) | Turkish (Intermediate)

REFERENCES

Available upon request.