



MUBARAK ELAGIB

Senior Integration Engineer | Integration Architect | Azure & .NET

Riyadh, Saudi Arabia | +966533857395 | MubarakElagib@gmail.com

mubarakelagib.com | linkedin.com/in/mubarakelagib

PROFESSIONAL SUMMARY

Senior Integration Engineer | Integration Architect with 10+ years of experience evolving from full-stack .NET development into backend architecture, domain-driven design, and large-scale enterprise integration.

Built a strong engineering foundation across government, banking, and energy sectors in Sudan and Saudi Arabia — designing secure APIs, modernizing legacy systems, and delivering reliable backend platforms. This experience naturally evolved into integration architecture, where the focus shifts from building systems to connecting entire ecosystems with reliability, scalability, and resilience.

Currently architecting the integration backbone for one of Saudi Arabia's largest retail chains — connecting 400+ branches with 12+ global marketplaces, payment, and loyalty partners, including Amazon KSA (FBA, Seller Flex & Flex), Noon, HungerStation, Jahez, AliExpress, Trendyol, STC Qitaf, Al Rajhi Bank, Tamara, and Tabby.

Built on Azure serverless architecture with a strong focus on event-driven design and production observability — delivering zero-downtime reliability and reducing manual operations by 40%+ through intelligent automation.

Boomi Certified Integration Professional | B.Sc. Computer Science

PROFESSIONAL EXPERIENCE

Senior Integration Engineer | Integration Architect (.NET & Azure), Abdullah Al-Othaim Markets Riyadh, Saudi Arabia | Sep 2023 – Present

- Architected and own Othaim's enterprise integration platform from the ground up — serving as the sole engineering decision-maker across design, implementation, cloud deployment, and production reliability for one of Saudi Arabia's largest retail chains.
- Designed the full marketplace integration layer connecting 400+ branches with Amazon KSA (FBA, Seller Flex & Flex), Noon, HungerStation, Jahez, AliExpress, and Trendyol — enabling fully automated order lifecycle management, real-time pricing, and inventory synchronization at enterprise scale.
- Architected a secure payment and loyalty integration platform covering STC Qitaf, Al Rajhi Bank (Mokafaa), Tamara, and Tabby — delivering seamless digital payment flows and loyalty accrual across all retail touchpoints.
- Designed and established shared Platform.Resilience and Platform.Observability libraries adopted across all integrations — built on Azure Functions, Logic Apps, Service Bus, and API Management with OpenTelemetry distributed tracing and Application Insights, achieving zero-downtime delivery record.
- Reduced manual operational effort by 40%+ through intelligent automation and event-driven architecture — directly improving fulfillment speed and platform reliability across all partner integrations.

Tech Stack: C#, .NET 8, ASP.NET Core, Azure (Functions, Logic Apps, Service Bus, API Management, Monitor, Key Vault), AWS (Lambda, S3, SQS), SQL Server, Dapper, Azure DevOps, OpenTelemetry, Application Insights, Boomi.

Senior Software Engineer — Backend & Architecture, SITE Riyadh, Saudi Arabia June 2022 – August 2023 (1 yr. 3 mos.)

- Delivered the Energy Information Center Platform for the Ministry of Energy — a critical government-grade system built on Clean Architecture principles using ABP Framework, with a strong focus on security, scalability, and long-term maintainability.
- Led backend engineering using C#, ASP.NET Core, and Domain-Driven Design — achieving 20% system performance improvement and 15% security enhancement through architectural best practices and code optimization.
- Drove technical alignment across cross-functional teams by producing precise technical specifications and architecture documentation — improving project delivery direction by 30% and reducing ambiguity between business and engineering stakeholders.

Tech Stack: C#, ASP.NET Core, EF Core, ABP Framework, SQL Server, Azure DevOps, Git, DDD, Clean Architecture.

Senior .NET Full-Stack Developer — Banking Systems, Omdurman National Bank (ONB)

Khartoum, Sudan | Feb 2020 – Mar 2022 (2 yrs. 2 mos.)

- Led the modernization of critical banking systems — migrating legacy .NET Framework applications to .NET Core, achieving 25% faster API integrations with internal and external partners across SOAP and REST protocols.
- Architected and refactored core banking codebases using Domain-Driven Design and clean code principles — delivering 20% gain in operational efficiency and establishing maintainable, scalable backend foundations.
- Designed and delivered secure RESTful services and data-driven web applications using ASP.NET Core, EF Core, and Razor — improving end-user satisfaction by 15% based on internal feedback cycles.

Tech Stack: C#, ASP.NET Core, .NET Framework, EF Core, PostgreSQL, SQL Server, Razor View, Bootstrap, Git.

Full-Stack .NET Developer — Government Systems, National Information Center (NIC-Sudan)

Khartoum, Sudan | Jan 2017 – Jan 2020 (3 yrs. 1 mos.)

- Built and maintained enterprise government web applications using ASP.NET and SQL Server — delivering scalable, multi-department platforms with a strong focus on separation of concerns through N-Tier and N-Layer architecture.
- Contributed to solution design sessions alongside business analysts and infrastructure teams — translating complex government requirements into maintainable technical implementations.
- Optimized legacy system performance through frontend and backend improvements — reducing load times and improving usability across multiple operational departments.

Tech Stack: C#, ASP.NET Web Forms, SQL Server, JavaScript, jQuery, HTML5, CSS3, N-Tier Architecture.

Teaching Assistant — Computer Science & Programming, Gedarif University

Gedarif, Sudan | Apr 2014 – Apr 2016 (2 yrs.)

- Delivered programming and software engineering coursework to undergraduate students — covering C#, data structures, OOP, and applied development fundamentals.

TECHNOLOGY STACK

- **Cloud & Infrastructure:** Microsoft Azure: Functions, Logic Apps, Service Bus, API Management, Storage, Monitor, Key Vault, App Configuration, Static Web Apps AWS: Lambda, S3, SQS (*Marketplace integrations*)
- **Backend & APIs:** C#, .NET 8, ASP.NET Core, REST APIs, Webhooks, Dapper
- **Messaging & Architecture:** Azure Service Bus (Queues & Topics), Event-Driven Architecture, Logic Apps Orchestration, Boomi iPaaS
- **Data & Pipelines:** SQL Server, PostgreSQL, Azure Synapse, Azure Data Factory, Stored Procedures, TVP, MERGE Patterns
- **Observability & Reliability:** OpenTelemetry, Application Insights, Distributed Tracing, Structured Logging, Polly (Resilience Policies)
- **DevOps & Tooling:** Azure DevOps, GitHub Actions, Git

CORE COMPETENCIES

- Enterprise Integration Architecture & Platform Design
- Azure-Native Serverless & Event-Driven Systems
- API Design, Marketplace & B2B Integration Patterns
- Observability, Reliability & Production Engineering
- Secure Architecture: Identity, Access & Data Protection
- Data & Pipeline Orchestration

EDUCATION

Bachelor of Science in Computer Science, Al Qadarif University, Faculty of Computer Science and Information Technology | Graduated April 2014.

LANGUAGES

- **Arabic:** Native
- **English:** Professional working proficiency



PROFESSIONAL RECOMMENDATIONS

- **Mr. Mohammad Al Haj, Head of E-Commerce Partnerships @ Abdullah Al-Othaim Markets.**

“I had the pleasure of working closely with Mubarak on several marketplace integration projects at Al Othaim, including Amazon, Noon, and Hungerstation. From the start, he brought a sharp technical mind, clear communication, and a deep understanding of API structures and backend workflows. What really stood out was his ability to troubleshoot complex issues under tight deadlines and collaborate effectively across business and tech teams. Thanks to your efforts, we successfully launched integrations that directly impacted our e-commerce performance and operational efficiency, no doubt that Mubarak is a rare mix of technical excellence and team spirit — any organization would be lucky to have him.”

- **Mr. Ahmad Osta, Web Applications Section Manager @ Abdullah Al-Othaim Markets.**

“I am delighted to recommend Mubarak for his exceptional skills and contributions. he is a valuable asset and added value to any development team. he is always willing to share his knowledge and support team members, fostering a positive and productive work environment.”

- **Mr. Mohammed Daggas, Technical Delivery Manager @ SITE.**

“Mubarak is one of the best Developers that i have worked with, he gives meaning to the sentence “just think it and I’ll do it “.

Extremely knowledgeable in what he does and always looking to improve, anyone would be lucky to have him in his team.”

- **Mr. Abdulaziz Alshahrani, Head of E-Services @ Ministry of Energy (KSA).**

“Mubarak is one of excellent expert developers in .Net stack and other technical domains, he always shows the best effort in any task be assigned to, i wish him all best in his career path.”