



MUBARAK ELAGIB

Senior Integration Engineer | Tech Lead

Azure-first | Event-Driven Systems | Marketplace Integrations

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PROFESSIONAL SUMMARY

Senior Integration Engineer & Tech Lead with 9+ years of experience designing and delivering cloud-native, event-driven platforms across large-scale retail and fintech environments in Saudi Arabia.

Specialized in building distributed integration systems using .NET, Azure, and AWS that power enterprise ecosystems spanning 400+ branches and high-volume marketplace operations.

Proven track record of delivering end-to-end backend platforms — from API architecture and microservices to data pipelines and production observability — integrating global partners including Amazon KSA (FBA & Seller Flex), Noon, HungerStation, Jahez, AliExpress, and Trendyol, as well as secure payment and loyalty platforms such as STC Qitaf, Al Rajhi Bank, Tamara, and Tabby. Achieved a 40%+ reduction in manual operations through intelligent automation.

Strong expertise in scalable system design, B2B/B2C integrations, serverless architectures, and enterprise data orchestration using Azure Synapse and Azure Data Factory. Recognized for combining architectural decision-making with deep hands-on engineering to deliver resilient, high-performance distributed systems.

Boomi Certified Integration Professional | B.Sc. Computer Science.

PROFESSIONAL EXPERIENCE

Senior Integration Engineer | Tech Lead (.NET & Azure), Abdullah Al-Othaim Markets

Riyadh, Saudi Arabia | Sep 2023 – Present

- Led the engineering and delivery of Othaim's marketplace platform, integrating partners including Amazon KSA, Noon, HungerStation, Jahez, AliExpress, and Trendyol, enabling fully automated order, pricing, and inventory synchronization across all retail stores.
- Delivered large-scale payment and loyalty integrations with STC Qitaf, Al Rajhi Bank (Mokafaa), Tamara, and Tabby, enabling secure digital payments, loyalty accrual, and seamless customer journeys at enterprise scale.
- Built secure API-driven order processing systems that reduced manual operational effort by 40%, improved fulfillment speed, and increased overall platform reliability through event-driven automation.
- Implemented scalable microservices and serverless cloud systems using Azure Functions, Logic Apps, Service Bus, and API Management, alongside AWS Lambda and S3, with full production observability via OpenTelemetry and Application Insights.

Tech Stack:

- C#, ASP.NET Core, Azure (Functions, Logic Apps, Monitor, Service Bus), AWS (Lambda, S3), Boomi, SQL Server, Git, Azure DevOps, OpenTelemetry.

Senior Software Engineer, SITE

Riyadh, Saudi Arabia | June 2022 – August 2023 (1 yr. 3 mos.)

- Played a key role in building the **Energy Information Center Platform** for the Ministry of Energy, improving project direction and alignment by 30% through precise technical specifications and cross-team coordination.
- Led backend development using C#, ASP.NET Core, and ABP Framework, resulting in a **15% boost in security** and **20% system performance improvement** through code optimization and best practices.
- Collaborated with infrastructure and security teams to enforce compliance, implement secure APIs, and deliver a scalable architecture that met critical energy sector requirements.

Tech Stack:

- C#, ASP.NET Core, EF Core, ABP Framework, Razor View, MS SQL Server, Azure DevOps, Git, DDD.

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

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

- Modernized critical banking systems by migrating legacy apps to **.NET Core**, resulting in **25% faster API integrations** with internal and external partners (SOAP/REST).
- Improved code quality and system performance by refactoring outdated codebases and implementing best practices, leading to a **20% gain in operational efficiency**.
- Enhanced user experience by delivering feature-rich, responsive web applications—boosting satisfaction scores by **15%** based on internal feedback.
- Developed secure RESTful services and UIs using ASP.NET Core, Razor, and EF Core with consistent domain-driven design (DDD) patterns.

Tech Stack:

- C#, ASP.NET Core, .NET Framework, EF Core, PostgreSQL, SQL Server, Razor View, Bootstrap, Git.
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.NET Full-Stack Developer, National Information Center (NIC-Sudan)

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

- Developed and maintained internal government web applications using **ASP.NET Web Forms** and SQL Server, improving usability and operational efficiency across multiple departments.
- Implemented **N-Tier and N-Layer architecture** to ensure scalability, separation of concerns, and long-term maintainability of enterprise applications.
- Delivered enhancements to legacy systems by improving UI responsiveness and reducing load times through optimized frontend code (jQuery, HTML5, CSS3).
- Participated in solution design sessions and collaborated with analysts and infrastructure teams to meet evolving business needs.

Tech Stack:

- C#, ASP.NET Web Forms, SQL Server, JavaScript (jQuery), HTML5, CSS3, N-Tier/N-Layer Architecture.

Teaching Assistant, Faculty of Computer Science & IT

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

- Delivered practical and theoretical coursework in programming, algorithms, and software engineering to undergraduate students—building strong foundations in C#, data structures, and OOP principles.
- Conducted lab sessions and guided real-world projects, helping students translate theory into applied development skills.
- Mentored students on coding best practices and debugging techniques, enhancing their problem-solving and analytical thinking.
- Provided academic advising and contributed to curriculum enhancement based on student performance trends.

TECHNOLOGY STACK

Cloud Platforms:

- **Microsoft Azure:** Functions, Logic Apps, API Management, Service Bus, Storage, Monitor, Key Vault
- **AWS** (supporting exposure): Lambda, S3, SQS

Backend & APIs:

- C#, .NET 8, ASP.NET Core
- REST APIs, Webhooks

Integration & Messaging:

- Azure Service Bus (Queues & Topics)
- Event-driven workflows
- Boomi iPaaS

Observability & Reliability:

- OpenTelemetry
- Azure Application Insights
- Structured logging, metrics, and distributed tracing

Data & Storage:

- SQL Server, PostgreSQL.
- Stored procedures, integration pipelines

PROFESSIONAL COMPETENCIES

- **Technical Leadership:** Experienced in mentoring junior developers, delegating tasks effectively, and guiding cross-functional teams through complex delivery cycles.
- **Architecture Communication:** Skilled in translating technical concepts for both technical and non-technical stakeholders—bridging business goals and technical execution.
- **Documentation & Reporting:** Able to produce clear technical documentation, architectural diagrams, and system overviews that streamline onboarding and maintenance.
- **Project & Time Management:** Comfortable juggling multiple deadlines in fast-paced environments; consistently deliver high-quality results under pressure.
- **Cross-Team Collaboration:** Proven success working across business, infrastructure, QA, and DevOps teams to deliver secure and scalable systems.

EDUCATION

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

CORE ARCHITECTURAL EXPERTISE

- Azure-First Cloud & Integration Architecture
- Event-Driven & Distributed Systems (Service Bus, Messaging Patterns)
- API Design, Webhooks & System Integration (Marketplace, FinTech, Loyalty)
- Observability & Reliability (OpenTelemetry, Metrics, Tracing)
- Secure Architecture: Identity, Access, Data Protection
- Scalability, Cost Optimization, Performance Engineering

LANGUAGES

- **Arabic** (Native or bilingual proficiency).
- **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.”