

# OMAR SABER MOHAMED

## Software Engineer - Project Manager

+96569073995

+0201069415101

[omaralabaseery81@gmail.com](mailto:omaralabaseery81@gmail.com)

St 120, 269, 85701 West Abdullah Mubarak, Kuwait

[My Website](#)

### PROFESSIONAL SUMMARY

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Senior Software Engineer and Technology Leader with strong experience in designing, developing, and delivering scalable, secure, and high-performance software systems. Specialized in Java, Spring Boot, Angular, and Microservices Architecture, with hands-on expertise in AWS cloud deployment, Docker, and CI/CD pipelines. Proven ability to lead cross-functional teams, manage full software development lifecycles, and translate business requirements into robust technical solutions. Strong background in IT infrastructure, system reliability, and project management, enabling effective delivery of enterprise-grade systems and continuous technical improvement.

### EXPERIENCE

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#### AI Engineer (Automation integrated with Backend)

Jameia.com – Kuwait

Feb 2025 – Present

- Designed and developed AI-driven automation workflows integrated with backend systems to optimize business operations and reduce manual processes.
- Built and maintained backend services using Java and Spring Boot to support scalable automation solutions and system integrations.
- Implemented workflow automation using tools like n8n for task orchestration, notifications, approvals, and process management across departments.
- Integrated AI agents to handle repetitive business tasks, customer interactions, and internal operational processes.
- Developed RESTful APIs for communication between ERP modules, CRM systems, AI services, and third-party platforms.
- Managed authentication, role-based access control, and permissions for secure access across administrative dashboards and business systems.
- Worked on cloud deployment and infrastructure management using AWS, Docker, and CI/CD practices for stable production environments.
- Supported database design, optimization, and migration management using SQL databases and Flyway for version control.
- Collaborated with cross-functional teams to analyze business requirements and transform them into scalable technical solutions.
- Improved operational efficiency by connecting systems such as WhatsApp, email services, notifications, and reporting tools into centralized automated workflows.

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#### Chief Technology Officer (CTO)

Dyar Hajer Consultants – Saudi Arabia

Aug 2025 – Apr 2026

- Defined and executed the company's technology strategy aligned with business goals and long-term growth.
- Led and managed cross-functional teams (Backend, Frontend, DevOps, QA).
- Designed and oversaw scalable system architectures using Microservices and Cloud-based solutions (AWS).
- Selected and governed the company's technology stack, tools, and infrastructure.
- Supervised the full Software Development Lifecycle (SDLC) from planning to deployment and optimization.
- Ensured system security, performance, scalability, and reliability.
- Deployed and managed applications on AWS using Docker and CI/CD pipelines.
- Established coding standards, architecture guidelines, and engineering best practices.
- Mentored engineering teams and drove continuous technical improvement and innovation.

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**Senior Software Engineer | Project Manager****Dyar Hajer Consultants – Saudi Arabia****Jul 2025 – Present**

- Led end-to-end software development projects from requirements gathering to production delivery.
- Designed, developed, and maintained scalable applications using Java, Spring Boot, and Angular.
- Managed project scope, timelines, milestones, and deliverables.
- Applied Agile / Scrum methodologies to manage sprints, backlog, and team productivity.
- Coordinated with stakeholders to translate business requirements into technical solutions.
- Conducted code reviews and ensured adherence to clean code and engineering best practices.
- Identified and resolved technical risks and delivery blockers.

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**Software Engineer****Armed Forces Agouza Rehabilitation & Rheumatology Center (ARRC) –****Cairo May 2024 – Jun 2025**

- Designed, developed, tested, and maintained internal software systems.
- Applied software engineering principles to solve real operational challenges.
- Participated in system analysis, implementation, and continuous improvement.
- Collaborated with stakeholders to deliver reliable and efficient solutions.
- Supported system optimization, debugging, and long-term maintenance.

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**IT Support Engineer****Armed Forces Agouza Rehabilitation & Rheumatology Center (ARRC) – Cairo****May 2024 – Jun 2025**

- Managed biometric attendance systems integrated with SQL Server databases.
- Maintained and monitored security camera systems.
- Provided help desk support for PCs, printers, and network issues.
- Ensured system reliability, data security, and minimal downtime.
- Troubleshoot hardware and software issues in high-availability environments.

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**Backend Developer****Infantry House in Armed Forces of Egypt – Cairo****Apr 2024 – May 2024**

- Developed and maintained high-performance RESTful APIs using Java & Spring Boot.
- Designed backend systems following MVC and Microservices architecture.
- Optimized application performance, scalability, and reliability.
- Ensured clean code principles and backend best practices.

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**Backend Developer (Freelance – Remote)****Aug 2023 – Sep 2023**

- Designed and implemented RESTful APIs for scalable backend services.
- Developed optimized data models using SQL and NoSQL databases.
- Handled request validation, business logic, and performance optimization.
- Applied MVC architecture and Microservices principles.

## EDUCATION

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### FUTURE UNIVERSITY IN EGYPT

Bachelor of Computer Information Technology | 1/9/2019 - 23/6/2023

### CINCINNATI UNIVERSITY

Bachelor of Computer Information Technology | 1/9/2019 - 23/6/2023

## CERTIFICATE

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**Project Management Professional (PMP)** – PMI & EYOUTH (2025 – 2026)

**Microsoft Machine Learning Engineer** – MCIT Egypt (2025 – 2026)

**Artificial Intelligence Certificate** – British University in Egypt (2025)

**Artificial Intelligence Certificate** – Zewail City of Science & Technology (2023)

**Angular Framework Certificate** – AITB (2023)

## LANGUAGE

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**Arabic** (Native)

**English** (Fluent)

## SOFT SKILLS

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Problem Solving  
Technical Troubleshooting  
Team Collaboration  
Communication

Time Management  
Attention to Detail  
Stakeholder Support

## TECHNICAL SKILLS

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### Backend Development

Java  
Spring Boot  
RESTful APIs  
API Design & Integration

Request Handling & Validation  
Business Logic Implementation  
MVC Architecture  
Microservices Architecture

Performance Optimization  
Scalability & Reliability

### Databases & Data Management

SQL  
SQL Server  
NoSQL Databases

Database Design  
Data Modelling  
Schema Optimization

Query Optimization

### Software Engineering

Software Development Lifecycle (SDLC)  
System Analysis & Design

Application Development & Maintenance  
Debugging & Troubleshooting

Clean Code Principles  
Code Review  
Testing & Maintenance

### Cloud & DevOps

Application Deployment  
CI/CD Concepts

Containerization (Docker – basic to intermediate)

Server & System Reliability

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**IT & Infrastructure**

Biometric Attendance Systems  
(Fingerprint Scanners)  
SQL Server Integration

Security Camera Systems  
Hardware & Software Troubleshooting  
Network & Printer Support

Help Desk Support

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**Security & Systems**

Data Security Best Practices  
Access Control & System Reliability

Secure API Design  
System Monitoring

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**Tools & Technologies**

Git  
SQL Server

Backend Development Tools  
Debugging Tools

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