Omar Mohamed Salah

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Professional Summary

Results driven Software Engineer with strong experience in .NET, C#, ASP.NET Core, MVC, SQL Server, and automation of banking workflows.

Experienced in BPM (Business Process Management) development including retail and corporate cheque book workflows, system validations, and rule based approvals.

Skilled in building scalable architectures, background services, and high reliability systems for financial environments.

Professional Experience

Software Engineer Officer A | ADCB | Sep 2025 – Present
• Lead development of mission critical banking systems improving scalability and compliance.
• Designed modular reusable components reducing redundancy by 25%.
• Improved delivery speed by 30% through collaboration with cross functional squads.
• Mentored junior developers, enforced clean architecture, and improved code quality.

Software Engineer Officer B | ADCB | Jan 2025 – Sep 2025
• Delivered enhancements improving workflow efficiency by 20%.
• Modernized legacy modules to meet CBE compliance and security requirements.
• Resolved production issues, increasing platform reliability.
• Coordinated with QA and business teams on requirement alignment.

Junior Software Engineer | ADCB | Jun 2024 – Dec 2024 •
Built ASP.NET applications using C#, HTML, CSS, JavaScript.
• Developed H2H and SMS API integrations.
• Participated in debugging, testing, and documentation.

Key Projects

BPM Cheque Book System — Retail & Corporate
• Developed BPM workflows for cheque book requests, approvals, and validation rules.
• Implemented digit limit validation, request caps, and role based authorization.
• Improved processing speed and reduced manual intervention across retail and corporate teams.

DSS File Automate Service (Windows Service — FTPS Automation)
• Automated FTPS transfers using WinSCP with retry logic and centralized logging.
• Replaced legacy scripts with a stable .NET pipeline improving reliability by 80%.

ACK File Checker Windows Service
• Designed automated service for ACK file monitoring and reruns.
• Integrated certificate bypassing and multi recipient error notifications.

Trade Hub (ASP.NET Core MVC)
• Centralized trade workflows, tracking, and approvals.
• Implemented RBAC, validation logic, and enhanced process efficiency by 45%.

HR Hub (ASP.NET Core MVC)
• Built HR workflows for employee data automation and reporting.
• Reduced manual HR operations by 70% through structured modules.

Email Automation Framework (C#)

• Developed reusable email engine with HTML templates and attachments.
• Reduced email failures and increased communication stability.

Education

Bachelor of Computer Science | Misr International University (MIU) | 2018 – 2022

Technical Skills

Languages & Frameworks: C#, ASP.NET Core, MVC, WebForms, HTML, CSS, JavaScript, Python, Java

Databases: SQL Server, MySQL, Firebase

Tools & Platforms: GitHub, SSMS, SharePoint, Postman, SVN, Agile

Principles & Patterns: OOP, SOLID, Repository Pattern, DI, Clean Architecture

BPM Systems: Retail & Corporate Cheque Book Workflows, Approvals, Validation Rules

Certifications

Diploma in ASP.NET Full Stack Development - CLS

Microsoft Certificate in Developing ASP.NET Web Applications

Microsoft Certificate in Programming in HTML, CSS & JavaScript

ITIL 4 Foundation - Cap Solutions

CompTIA Security+ (SY0-701)

Soft Skills

Team Collaboration, Analytical Thinking, Leadership, Communication, Problem Solving, Troubleshooting, Adaptability