

Ahmed Badr Abdel-Moneim

Software Technical Team Leader

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🏠 El-Haram, Giza, Egypt

Software engineer with 10+ years of experience designing and developing software applications. Adept at collaborating with cross-functional teams to deliver high-quality products. Proven track record of delivering successful projects on time and to specification in various business domains as Government, Taxation, Vehicles, Real estate, and CRM in (Egypt, USA, Europe, and Gulf). Strong communication skills, skilled in leading development teams and working in agile environments.

🧰 Working Experience

Senior Software Engineer / Act as Team Leader

📅 April 2019 – Present

📍 Lumin Soft (Excel Systems)

- Create new solutions, develop new modules, and support applications for big government entities in Egypt as: Minister of Finance, and Financial Regulatory Authority.
- Worked with Data Science team to develop Cases Management solution for Minister of Finance, that helps Tax Officers in Egypt to detect Taxpayers fraud and evasion cases. This helped to increase State income by 2 Billion (EGP) for every year.
- Worked within an Agile scrum team, contributed to continuous improvement and deployment (CI/CD), and applied branching strategy. That leads to reduce build time, and increase deployment frequency.
- Contributed with in-house development team to create reusable components deployed on NuGet Package Manager. That increased the speed of all internal development teams by 25% of overall speed.
- Resolved support team's tickets raised by customers: with high speed, accuracy and quality, resulting in a 100% increase in end-user satisfaction.
- Architected Microservice solution for Financial Regulatory Authority that increased application scalability and being more maintainable.

Senior Software Engineer

📅 May 2018 – March 2019

📍 Azentio (Path-Solutions)

- Team member of Product Engineering (PE) team who was responsible for maintaining, extending, enhancing ISHRAQ (Path-Solutions Islamic Banking Product).
- Participated in enhancing, fixing, making better of in-house automation tools which helped to increase the productivity process.
- Participated in generating, finding, applying new ideas, and patterns to enhance the product structure, performance, and components re-usability.
- Troubleshooted & fixed issues in Banking running-application.

Senior Software Engineer (Full stack develop)

📅 Jan 2016 – April 2018

📍 MotoSoft

- Built Enterprise Application from scratch following agile software development life cycle.
- Wrote unit test cases and code review on the team members according to code standards.
- Followed up technical and business issues with quality team after each build.
- Followed Agile ceremonies: sprint planning, daily scrum, sprint review, retrospective meetings.

.Net / SharePoint Developer

📅 Mar 2014 – Dec 2015

📍 IT-Blocks

- Modified and maintained existing software, fixation or performance improvement.
- Communicated with analyst & analyzed information to determine, recommend & plan installation of a new system or modification of existing systems.
- Prepared reports or correspondence concerning project specifications, activities, or status.
- Worked collaboratively with external and internal resources to remain on schedule and produce quality work.
- Ensured quality control during the development and testing process.

- UTC account as application support; maintained and added new features according to new business requirements.
- Evaluation: overall Excellent, code quality.

Junior Developer

📅 Aug 2012 – Feb 2014

📍 DOT-Technology

- Developed applications like CMS, CRM, and business directory using different Web technologies.
- Built business reports using Microsoft Reporting tools.
- Conducted offline meetings with customers.

🏠 Projects & Technical Skills

The following projects are some of the core projects I had worked with, not all.

1. Financial Regulatory Authority (الهيئة العامة للرقابة المالية)

📅 Year: 2023

👥 Teams: 12

Portal for financial auditor who worked for Financial Regulatory Authority, and Back-office for FRA employee. It's an intensive microservice projects that integrates with workflow, notification, identity, and payment services.

Responsibility:

- Help and support team to apply design patterns and participated in the technical decisions.
- Develop frontend and backend modules.
- Doing Code review make sure code cover all business scenarios.

Tech stack: [.NET Core](#) [Entity Framework](#) [Mass Transit](#) [SQL Server](#) [Microservice Architecture](#) [Identity Server](#) [TypeScript](#) [Angular V.16](#) [CI / CD](#) [Miro Frontend](#) [CQRS](#) [Mediator](#)

2. Egyptian taxation portal (بوابة الضرائب المصرية)

📅 Year: 2021-2022

👥 Teams: 8

Add new module for taxation portal: Real estate disposal tax (ضريبة التصرفات العقارية)

Responsibility:

- Led and supported a team of 1 senior and 2 juniors.
- Integrated with Egyptian Tax Portal payment.
- Integrated with Payment gateway.
- Was responsible for deploy to UAT and production environments.

Tech stack: [ASP.NET MVC](#) [Entity Framework](#) [SQL Server](#) [WCF](#) [Service Oriented Architecture](#) [jQuery](#)

3. Case Management, subsidiary of Egyptian Taxation portal.

📅 Year: 2020

👥 Teams: 6

helps Tax Officers in Egypt to detect Taxpayers fraud and evasion cases.

Responsibility:

- Led a team of 2 juniors and 3 seniors.
- Create and develop solution.
- Integrate with SSIS.
- Create custom reports.

Tech stack: [ASP.NET MVC](#) [JavaScript](#) [Chart.JS](#) [SQL Server](#) [SQL Server Integration](#) [Crystal Reports](#)

4. ISHRAQ V5.0

📅 Year: 2019

👥 Teams: 6

A Finance and investment solution for automating the Islamic banking.

Responsibility:

- Was Senior Product Engineering team member.
- Supported running application.

Tech stack: [Oracle 11g](#) [PL/SQL](#) [ASP.NET Web Forms](#) [Form Builder](#)

5. Moto-Spector (vehicles inspections)

📅 Year: 2016 - 2017 - 2018 👥 Teams: 5-20

Automotive solution for vehicles; book appointment online on workshop, Pay online using online payment methods. Vehicles reports (Mechanical, body defects), and display car in panorama viewer.

Responsibility:

- Backend and frontend development.
- Application support.
- Code reviewer.
- Tech stack: [ASP.NET MVC 5](#) [Web API](#) [DevExpress Controls](#) [Design Pattern](#) [AngularJS](#) [Angular 4](#)
[Team Foundation Server](#) [Git](#)

6. QNB CTS (Qatar National Bank Group)

📅 Year: 2015

👥 Teams: 5

Card Tracking System for all cards products in QNB

Responsibility:

- Application Development & Application security.
- ETL Integration.
- Responsible for applying OWASP & PCI security standard Specialist principles on the application.
- Tech stack: [ASP.NET MVC 4](#) [jQuery](#) [JavaScript](#) [Entity Framework](#) [Web Security Standards](#) [SQL Server](#)
[SQL Server Integration Service](#) [SQL Server Reporting Service](#)

7. LPPFA Box Management (Ministry of Social Insurance in Nigeria)

📅 Year: 2014

👥 Teams: 4

Develop archiving solution for Ministry of Social Insurance in Nigeria.

Responsibility:

- Application Development & IBM® FileNet Integration.
- Tech stack: [ASP.NET Web Forms 4](#) [JavaScript](#) [AJAX Telerik Controls](#) [IBM FileNet](#) [Oracle 11g](#)
[Entity Framework](#) [Code First Approach](#)

8. QAAS (Quality Assessment & Accreditation System)

📅 Year: 2013

👥 Teams: 4

Generate dynamic KPIs for learning quality assessments in KSA universities.

Responsibility:

- Application Development.
- Tech stack: [JavaScript](#) [jQuery](#) [jQuery UI](#) [SQL Server](#) [Entity Framework](#)

🎓 Education

- B.Sc. in Computers Science Department, Faculty of Computers and Information, Minia University, July 2010.
- Graduation Project: Excellent.

🏆 Certifications & Awards

- Agile Fundamental Certified form SECC.
- First Time manager Course for team leadership.
- Super communicator for communication skills from Skills bank.
- Microsoft Certified SharePoint 2010, Application Developer Technology Specialist.
- Microsoft Specialist in Programming in HTML5 with Java-Script and CSS3 Specialist.
- Microsoft Certified Technology Specialist, Web application Development using .NET framework 4.0.