

Amr Moneer

Amrmoneer21@gmail.com | 01066487822

GitHub | LinkedIn | Portfolio

Cairo, Egypt

PROFILE

Software Developer and ITI graduate with 4+ years of experience in web development with .NET Core, React.js, Angular in cloud solutions offered by AWS, and also familiar with Docker and Kubernetes. Team player who is passionate about coding and technology and always open to learn more.

EXPERIENCE

Software Engineer | DMS Egypt

January 2025 — Present, Cairo, Egypt

- Contributed to the code of multiple web applications in the government healthcare sector. The applications manage the government's medical coverage, disability services, oncology services, and others.
- Developed a flight archiving and invoice management system for airport overflight charges in Egypt, storing historical and scheduled transit data to generate accurate weight/distance-based invoices. Integrated partial payment tracking and automated invoice generation per billing cycle, ensuring streamlined payment collection and audit readiness.
- Applied code and DB best practices to maintain systems that contain healthcare data of millions of users.
- Integrated with and hosted AI models that provide valuable functionality like extraction of data from national ID card and Glaucoma detection.

Software Engineer | Kapci Coatings

April 2022 — January 2025, Cairo, Egypt

- Contributed to development of the company's color management program on desktop and on the web using ASP.NET for backend.
- Worked on internal applications that facilitate tasks in the coatings lab and other internal business-related applications.
- Supported customers in Egypt and Europe regarding company's color management software.

ML Engineer Intern | SpimeSenseLabs

October 2021 — January 2022, Cairo, Egypt

- Worked as part of a team building an online anomaly detection system for sensor data on the MOT IoT platform for the company as an ITI graduation project.

Web Developer Intern | SV CO.

Summer 2019

- Developed front and backend of an admin's terminal and other web applications.
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EDUCATION

ITI 9-month Program (AI-Pro Track) | Nasr City Branch

April 2021 — December 2021

B.Sc. in Computer Engineering | Port Said University

2015 — 2020

TECHNICAL SKILLS

Web: ASP.NET (Web API, MVC), React, Redux, Angular, HTML, CSS

Languages: C#, JavaScript, Python

Databases: SQL Server, Oracle, MongoDB

Source Control: Git, GitHub, TFS

DevOps: Kubernetes, Docker

OS: Windows, Linux

SELECTED PROJECTS

- **Electronic Disability Registry:** Web app managing disability card requests. Citizens submit forms; eligible applicants are directed to a review committee. The system also has an appeals process for rejections. ([link](#))
 - **Waiting List Portal:** A centralized ticketing system that manages customer service inquiries. Each service area including hospital care, medical coverage, and presidential initiatives features a customized workflow for specialists, ensuring tailored and efficient resolution. ([link](#))
 - **Social Medical Coverage:** Web application managing the government's healthcare coverage, including assignment and tracking of monthly medications based on patient diagnoses. ([link](#))
 - **MOH Initiatives:** Web application that manages the government's healthcare coverage, including the assignment and tracking of monthly medications based on patient diagnoses and doctor recommendations.
 - **Color Management Program:** A program used by paint technicians to search for available automotive coating colors. They can also read and import colors into the system and use its match algorithm to find the best matching colors. ([link](#))
 - **Flight Data Management & Invoicing Platform:** Developed a comprehensive management system for airport charges in Egypt, archiving historical and scheduled flight data to calculate invoices based on aircraft weight and distance. The platform tracks payments and manages partial settlements against stored records
 - **Warehouse Management Portal:** Keeps track of items entering or exiting inventory. Users can search for movements using multiple filters and generate a report.
 - **Tax Invoicing Web Portal:** Application used to put invoices into Tax API format and post them. Invoices are fetched from SAP or entered manually. The application displays reports that are reviewed by finance before uploading invoices.
 - **Device Information Dashboard:** Dashboard used to show data collected from company devices in the field. The device sends this data to the backend periodically and when certain events fire in the android device.
 - **Real-time Anomaly Detection System:** Worked on a real-time anomaly detection system for streaming IoT sensor data for an IoT company in Egypt. Used different algorithms including Half-Space trees and LODA.
 - **Open Source Contributions:** Contributed fixes across documentation, bugs, and code optimization on GitHub. ([link](#))
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ONLINE COURSES

- **Database Fundamentals**, Maharah-Tech [certificate](#)
- **Web Design**, National Telecommunication Institute (NTI) [certificate](#)
- **AWS Academy Cloud Foundations** [certificate](#)
- **AWS Academy Machine Learning Foundations** [certificate](#)