

Amr Moneer

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GITHUB | LINKEDIN | PORTFOLIO

Cairo, Egypt

Profile

Software Developer and ITI graduate, has 3+ years of experience in web development with .NET Core (Web API & MCV) 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 | 02/2025 – Present

- 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.
- 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 | 04/2022 – 02/2025

- 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 | 10/2021 – 01/2022

- 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.

Computer Engineer Intern

Port Said Shipyard | Summer 2018

- Learned about the development process of ELNASR BRIDGE application and the IT infrastructure of the shipyard.

Education

ITI 9-month Program (AI-Pro Track) Nasr City Branch | 04/2021 – 12/2021

B.Sc. in Computer Engineering Port Said University | 2015 – 2020

Technical Skills

- **Web:** Asp .NET (Web API, MVC), React, Redux, HTML, CSS
- **Languages:** C#, JavaScript, Python
- **Databases:** SQL Server, Oracle, MongoDB
- **Source Control:** Git, GitHub, TFS
- **DevOps:** Kubernetes, Docker
- **OS:** Windows, Linux

Selected Projects (GitHub)

- **Social Medical Coverage:** Web application that manages the government's healthcare coverage, including the assignment and tracking of monthly medications based on patient diagnoses and doctor recommendations. ([link](#))
- **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](#))
- **MOH Initiatives:** Web application for early cancer detection (prostate, lung, cervical) that analyzes patient-submitted forms and recommends diagnostic tests and refers patient to doctor committee based on patient's answers.
- **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](#))
- **Spectro Bridge Application:** An application that is used to connect and handle bi-directional communication of the online color management program to the spectrophotometer device through socket connection. It also has controls to import and export data to the online program.
- **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.
- **Open Source:** contributed to features ranging from fixing documentation to fixing bugs and optimizing code on github. ([link](#))
- **Book Library with a Recommender System:** A book library that recommends books similar to a user's taste. The collaborative filtering algorithm tracks each user's book rating history and recommends books based on that history.
- **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.

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](#))