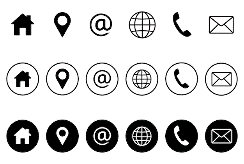
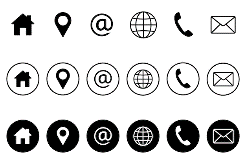
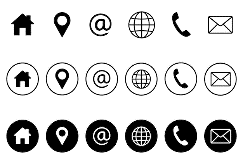
Ahmed Mohab

Senior Software Engineer

Passport Chip Icon Thin Circle Design Stock Vector (Royalty Free) 436238572  | Shutterstock Amsterdam, North Holland, The Netherlands

Netherlands Residency and Work Permit Holder

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Technical Support - Free technology icons **Technical Profile**

* Python, C#, Java, HTML5, C/C++, Javascript, SQL

**Core Competencies**

* Algorithms, OOP, Micro-services, Git, Continuous Integration/Continuous Delivery (CI/CD), Databases, Flask, Software Architecture, Data Structures, .NET Core, NoSQL, MySQL, cloud foundry, Design patterns, GitLab, mongoDB, Kubernetes, Cloud-native

Education Icon" Images – Browse 3,574 Stock Photos, Vectors, and Video |  Adobe Stock **Education**

**Bachelor’s Degree – Computer Engineering**

2019 - 2014

*Arab Academy for Science & Technology - Alexandria, Egypt*

**Work Experience**

**Senior Software Engineer**

Oct 2022 - Current

*Dell EMC, Cairo, Egypt*

* Lead the automation team, which I pitched and initiated during the month of December 2019, consisting of 9 software engineers.
* Define bottlenecks and gather requirements to deliver new automation projects, to meet the needs of the customer-facing delivery team, saving more than 200K hours across the organization.
* Implementing continuous improvements to the software development lifecycle using the latest industry standards, including Scrum and DevOps.
* Collaborate with cross-functional teams to design, develop, and implement software solutions that meet customer requirements and complied with industry standards.
* Contributed to a 20% increase in software efficiency and performance, resulting in reduced system downtime and increased customer satisfaction.
* Conduct code reviews and testing to ensure high-quality deliverables and maintainable code.
* Update old code bases to modern development standards to improve functionality.
* Continuously learn and apply new technologies to improve the software development.
* Mentor and guide junior software engineers and new hires.

**Software Engineer 2**

Apr 2021 – Nov 2022

*Dell EMC, Cairo, Egypt*

* Refactored legacy automations (monolithic to micro-services architecture), speeding up development time by ~50%, using modern software development methodologies and architectural patterns.
* Developed the main CI/CD pipelines for the team and added GitLab templates to speed up the development and deployment time.
* Nominated by the Senior Manager and rewarded with CX award for customer satisfaction, demonstrating a customer-centric mindset and the ability to deliver high-quality software solutions.
* Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
* Migrated automations to cloud-based services such as Kubernetes and cloud foundry to align with industry standards, leveraging cloud computing platforms and infrastructure-as-code (IaC) techniques.
* Worked closely with operation teams to turn their obstacles into automated solutions via designing, building, testing & evaluating new software tools.
* Developed robust, scalable, modular, and API-centric infrastructures.

**Software Engineer**

April 2021 – Nov 2022

*Dell EMC, Cairo, Egypt*

* Initiated the automation team in 2019, which is now the core of the organization.
* Analyzed & evaluated dell’s business operation processes/workflows to create and implement automation solutions, using a data-driven approach.
* Worked closely with my fellow software engineer team members to evaluate and improve our software offerings.
* Designed and developed robust solutions in collaboration with the wider team to meet client requirements for functionality, scalability, and performance.
* Developed and optimized a reporting portal, speeding up extracting reports by ~70% - Recognized by organization’s VP.

**Egyptian Army Soldier - IT Engineer**

Oct 2016 – Dec 2017

*Dell EMC, Cairo, Egypt*

* Maintained the IT assets and patient records throughout a military hospital.
* Provided troubleshooting and server support, assisting hospital personnel to perform their duties.
* Maintained service schedule for software and hardware.

**Freelance Web Developer**

Dec 2015 – June 2016

*Self-Employed, Alexandria, Egypt*

* Developed websites for multiple customers including the Chamber of Commerce, French Consulate, Egypt
* Gathered requirements from clients to produce actionable development plans.

**Software Developer**

Sept 2014 – Dec 2015

*Arab Computers S.A.E, Alexandria, Egypt*

* Developed an Android app for adding, exploring, & rating products online
* Worked on the web frontend & backend of an end-to-end system which supports the maintenance department staff & operations.
* Tech Stack: VB.NET, .NET framework, SQL Server, java (android)