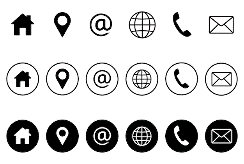
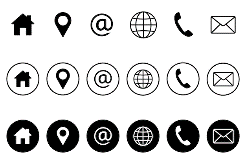
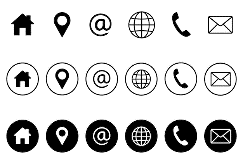
**Ahmed Mohab**

Senior Software Engineer

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

**Visa Status:** Netherlands Residency and Work Permit Holder

 **Email:** Ahmad.mohab3@gmail.com

**Phone Number:** +31 6 48 518 327

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**  September 2009 – June 2014

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



**Work Experience**

1. **Senior Software Engineer** October 2022 – Present

*Dell EMC, Cairo, Egypt*

* **Lead a high-performing automation team –** Initiated and built from scratch in 2019 and 2020, respectively – of nine software engineers specialized in developing software solutions to automate manual processes across the Global Asset Management organization, delivering user-triggered and end-to-end automations using **Python, C# .NET** and other widely-known tech stacks as deemed appropriate.
* Deliver automation solutions with high efficiency and precision meeting the customer-facing delivery team's needs and **saving over 200K hours** for teams across the organization, within tight timeframes.
* Define solution requirements and strategically prioritize automation projects based on ROI.
* Provide **expert direction** and guidance, utilizing the latest industry standards like **Agile, Scrum, and DevOps**, to continuously enhance the software development lifecycle and communicate milestones and achievements to upper management.
* Collaborate with **cross-functional teams** to design, develop, and implement industry-compliant software solutions that meet and **exceed customer requirements**.
* Played a key role in achieving a **20% increase in software efficiency**, resulting in minimal system downtime (**deduction in incidents by 96%**), and an increase in **customer satisfaction of 24%**.
* Conduct **code reviews** and testing, ensuring exceptional quality deliverables, and maintainable code that meets the highest industry standards.
* Modernize outdated code bases to meet industry standards.
* Provide expert guidance to junior software engineers and new hires.

1. **Software Engineer 2** April 2021 – September 2022

*Dell EMC, Cairo, Egypt*

* Refactored **legacy automations** (monolithic to microservices architecture), **speeding up development time by ~50%**, leveraging modern software development methodologies and architectural patterns.
* Streamlined **team's CI/CD pipelines**, integrating GitLab templates for rapid development and deployment.
* **Awarded CX award** for customer satisfaction, demonstrating a customer-centric mindset and high-quality software delivery.
* Analyzed project specs and developed solutions that surpassed performance goals.
* **Migrated automations to cloud-based services** such as **Kubernetes** and **cloud foundry** to align with industry standards, leveraging cloud computing platforms.
* Partnered with operation teams to turn their obstacles into automated solutions via designing, building, testing & evaluating new software tools.

1. **Software Engineer** June 2018 – March 2021

*Dell EMC, Cairo, Egypt*

* Leveraged data-driven insights to **optimize Dell's operational workflows** and implemented cutting-edge automation solutions to drive efficiency and productivity.
* Engineered and optimized a reporting portal, elevating the report **extraction speed by 70%** and earning recognition from the organization’s VP.
* Designed and developed robust solutions to meet client requirements for functionality, scalability, and performance.
* Collaborated with cross-functional teams to further enhance processes that cutdown SLAs.

1. **Army Soldier – IT Engineer** October 2016 – December 2017

*Egyptian Armed Forces, Al Italy Military Hospital, Alexandria, Egypt*

* Maintained the IT assets throughout the military hospital and patient records in the databases.
* Conducted server support and troubleshooting activities.
* Managed software and hardware maintenance schedules.

1. **Freelance Web Developer** December 2015 – September 2016

*Self-Employed, Alexandria, Egypt*

* Developed websites for multiple customers including the Chamber of Commerce, French Consulate, Egypt
* Conducted requirement gathering sessions with clients to convert mockups into usable websites.
* Developed functional web presence by coding with HTML, CSS, JavaScript, jQuery, AJAX, and JSON.

1. **Software Developer** September 2014 – November 2015

*Arab Computers SAE, Alexandria, Egypt*

* Crafted an Android app enabling online product addition, exploration, and rating.
* Contributed to end-to-end system development, designing web frontend and backend to support maintenance staff and operations.