

# Mohamed Amr Abdelfattah Mohamed Saleh

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## Summary

Technical leader with 6+ years of software engineering experience and a proven track record in delivering large-scale systems for government, education, and enterprise clients. Currently serving as Technical Project Manager with expertise in full-stack development (Ruby on Rails) and cross-functional team leadership. Holds M.Sc. in Computer Science and pursuing MBA, combining deep technical expertise with strategic business acumen.

## Education

<b>Arab Academy for Science, Technology &amp; Maritime Transport and Marywood University</b> Master of Business Administration	Alexandria, Egypt 2024 – Present
<b>Institute of Graduate Studies and Research (IGSR)</b> M.Sc. in Computer Science	Alexandria, Egypt 2018 – 2023
<b>Faculty of Engineering, Alexandria University</b> B.Sc. in Computer and Communication Engineering	Alexandria, Egypt 2012 – 2017

## Experience

<b>TrianglZ</b> <b>Technical Project Manager</b>	Alexandria, Egypt (Remote) October 2024 – Present
<ul style="list-style-type: none"><li>Lead technical planning and execution of software development projects, coordinating cross-functional teams to deliver solutions on time and within scope.</li><li>Bridge communication between engineering teams and stakeholders, translating business requirements into technical roadmaps and actionable development plans.</li><li>Implement agile methodologies and best practices to optimize team productivity and project delivery timelines.</li></ul>	
<b>eSpace</b> <b>Software Engineer III</b>	Alexandria, Egypt (Hybrid) July 2023 – September 2024
<ul style="list-style-type: none"><li>Architected and developed core features for Egypt's national elections system, ensuring a secure, scalable infrastructure to support millions of users during critical voting periods.</li><li>Led development of multiple MOOCs platforms (Edwaves, Edwaves SaaS, Rwaq, Aanaab), delivering robust e-learning solutions serving thousands of students across the Middle East.</li></ul>	
<b>National Training Academy</b> <b>Presidential Leadership Program, Internship</b>	Cairo, Egypt (On-site) February 2022 – June 2023
<ul style="list-style-type: none"><li>Developed proficiency in soft skills, management, analysis, and strategic leadership through an intensive government-sponsored training program.</li><li>Served as organizer for the Egyptian Economic Conference (2022), coordinating logistics and technical infrastructure for a high-profile national event.</li><li>Contributed to operational planning and execution of COP27 in Sharm El Sheikh (2022), supporting Egypt's largest international climate conference.</li></ul>	

**eSpace**  
**Software Engineer II**

Alexandria, Egypt (On-site)  
September 2018 – January 2022

- Developed and maintained scalable web applications using Ruby on Rails and Python frameworks, serving diverse client needs across education and enterprise sectors
- Designed and implemented RESTful APIs and microservices architecture, improving system modularity and enabling seamless third-party integrations

**fetchr**  
**Software Engineer I**

Alexandria, Egypt (On-site)  
May 2018 – August 2018

- Developed and maintained backend APIs for logistics and delivery management platform, enabling efficient package tracking and route optimization.
- Implemented a comprehensive testing suite including unit, integration, and feature tests, achieving high code coverage and reducing production bugs.

### Certifications

**Udacity**  
Advanced Web Development (Nano Degree Program)

Online  
2020

**ICAgile**  
ICAgile Certified Professional (ICP)

Egypt  
2019

### Leadership & Activities

**Microsoft**  
**Winner of Imagine Cup**

Egypt  
2017

- Secured first place in Egypt and participated in the Middle East and Africa finals in Lebanon, reinforcing my skills in teamwork, innovation, and technical leadership. The project was a mobile application that captured children's drawings of 3D shapes—like cubes and pyramids—and converted them into interactive augmented reality models, which could also be 3D printed as tangible toys.

**Microsoft**  
**Microsoft Student Partner**

Egypt  
2016 – 2017

- Organized and led workshops, sessions, and tech campaigns that impacted over 3 million students across Egypt. Empowered future developers with Microsoft tools and nurtured technical leadership among peers. Developed public speaking, event management, and team coordination skills that continue to support my career in engineering leadership.

### Skills & Interests

**Technical:** Ruby, Ruby on Rails, Python, Django, Flask, Java, PostgreSQL, AWS, Docker, Kubernetes, RabbitMQ, Sidekiq, Git  
**Language:** Arabic (Native), English (Professional working proficiency)