

# Ramy Mohamed Rashad

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## Summary

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**Full-Stack .NET Developer** and **ALX Software Engineering** alumni specialized in Back-end development. I combine **C++ problem-solving**, advanced **DEPI** training, and active mentorship as an **ITI Junior Ambassador** to build scalable and reliable systems.

## Education

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<b>Digital Egypt Pioneers Initiative (DEPI)</b> Full-Stack .NET Development Trainee	<b>Dec 2025 – May 2026</b> Port Said, Egypt
<b>Faculty of Engineering, Port Said University</b> B.Sc. in Communication and Electronics Engineering	<b>Sept 2021 – June 2026</b> <b>Grade: Excellent</b>

## Experience

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- **Tech Lead & Co-founder | SoftAware Startup** **Jan 2025 – Present**  
Direct technical delivery, conduct code reviews, and manage **VPS deployments (GCP, Netcup)** for freelance teams, ensuring scalable architectures and providing business advisory.
- **Site Coordinator | Almentor Company** **Aug 2024 – Jan 2026**  
Coordinated logistics and cross-team communications to successfully deliver 10+ training sessions for 30+ participants.

## Volunteer

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- **ITI Junior Ambassador:** Representing the Port Said branch and mentoring students on tech careers.
- **ICPC Problem Setter:** Authoring algorithmic challenges for the local programming community and ECPC qualifications.
- **IEEE Student Member:** Contributing to technical workshops and student coding activities.

## Skills

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- **Backend & Architecture:** C#, ASP.NET Core, EF Core, C++, OOP, SOLID, Clean Architecture
- **Databases & Infrastructure:** SQL Server, Docker, GCP, Linux, Git, JavaScript, HTML/CSS
- **Soft Skills:** Teamwork, Effective Communication, Problem-Solving, Time Management, Adaptability

## Projects

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- **Smart Sorting Bin (Planning Phase - Graduation Project)** **2026**  
Designing architecture and researching integration for an AI waste management solution using a **.NET backend** and Computer Vision.
- **Hotel Management System** **2023**  
Engineered a **Python/MySQL** application to automate billing, manage 50+ rooms, and track real-time availability.
- **Simple Shell** **Sept 2023**  
Developed a Unix-like shell in **C** from scratch, handling process execution and custom memory management.

## Certifications

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- **ECPC 2025:** National Rank **26th** in the Egyptian Collegiate Programming Contest.
- **ALX Africa:** Software Engineering 1-year intensive program (Cohort 21).
- **NTI Certification:** CCNA Routing and Switching.
- **ECPC 2024:** Qualification Certificate and National Finalist.