

Mohammed Aboellil

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EDUCATION

Suez Canal University (SCU)

Sep 2021 – Jul 2026

B.Sc. in Electronics & Communications Engineering — GPA: 3.55 / 4.0 (B+) — Military Status: Exempted

TECHNICAL SKILLS

Backend: C#, .NET Core (MVC, Web API), Node.js, Express.js, Django

Databases: SQL Server, MongoDB, MySQL, Redis

APIs & Real-Time: RESTful APIs, SignalR, Socket.io, gRPC, Websocket, SSE

Auth & Security: JWT, OAuth 2.0, Refresh Tokens, ASP.NET Core Identity

DevOps & Tools: Git, GitHub, Docker, Postman, Swagger (OpenAPI), Shopify, Firebase, RabbitMQ (Basics)

Architecture & Patterns: Clean Architecture, CQRS, Microservices, SAAS, Design Patterns, OOP

Frontend: JavaScript, Blazor, HTML, CSS, jQuery, Bootstrap

WORK EXPERIENCE

Freelance Backend Developer

Apr 2024 – Present

Self-Employed — Remote Clients Egypt

Al Rouba Group Corporate Platform — Node.js, Express, MongoDB

- Designed and developed a multi-division corporate marketing platform for an Omani conglomerate, covering 5+ business units with unified admin controls

Helaq — Quran Education Management SaaS — ASP.NET Core, CQRS, Clean Architecture

- Built a specialized SaaS platform for online Quran circles, serving independent tutors with scheduling, student tracking, and session management

CubeCharm — Real Estate Platform (Microservices) — ASP.NET Core, RabbitMQ, Docker, SignalR

- Architected a microservices-based real estate platform with service decomposition, RabbitMQ inter-service messaging, Docker containerization, and API gateway routing

Yaqeen Academy — Learning Management Platform — Node.js, Express, MongoDB, Docker

- Delivered a production-ready LMS with 3-tier role access (admin/teacher/student), JWT/OAuth authentication, 90+ documented API endpoints, and full Docker containerization

PROJECTS

Service Booking System — ASP.NET Core MVC, EF Core, SQL Server

- Engineered a service booking platform with real-time technician status notifications via SignalR, role management, and admin dashboard for service request workflows

Event Booking System — ASP.NET Core API, Blazor, Clean Architecture

- Developed a full-stack event management system with a RESTful API backend and interactive Blazor UI

VOLUNTEERING

Technical Specialist & Former Web Head

Jan 2023 – Present

IEEE SCU Student Branch

- Led the web development committee (~25 members), overseeing full technical lifecycle of student-facing applications and mentoring junior developers, and leading technical bootcamps (~100 attendees)

Member — ICPC

Jan 2023 – Jan 2024

International Collegiate Programming Contest SCU

- Competed in rigorous weekly algorithmic contests; advanced from Level 0 to Level 1 through consistent problem-solving in data structures, graphs, and optimization

COURSES

Software Development — .NET Developer — Digital Egypt Pioneers Initiative (DEPI)

Jun 2024 – Oct 2024

.NET Web Development — Information Technology Institute (ITI)

Aug 2023 – Sep 2023

Business English Track — SYE English Community

Jun 2024 – Oct 2024

Professional Front-End Web Development — Udacity

Dec 2022 - Mar 2022

Web Development Challenger Track — Udacity

Apr 2022 - Jul 2022

LANGUAGES

Arabic Native

English Professional