

Mahmoud Salah El Dine

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EDUCATION

American University of Technology

B.S. in Computer Science

Beirut, Halat

Graduated Feb 2025

- **Concentrations:** Software Engineering, Web & Mobile Development.
- **Related Coursework:** Data Structures & Algorithms, Operating Systems, Computer Networks, Database Systems I & II, Software Engineering, Systems Analysis & Design, Web Programming I & II, Mobile Application Development, Information Security, UNIX Programming, Discrete Mathematics, Linear Algebra, Probability & Statistics.

EXPERIENCE

Mentorship Program - RONY RIZK

Junior Backend Developer

Remote

Feb 2025 - Apr 2025

- Built **ASP.NET** Core backend services with API versioning, **Swagger** docs, and deployment on **Kestrel/IIS**
- Implemented **JWT** auth, middleware, global error handling, **Serilog** logging, and **FluentValidation**
- Worked with EF Core, **Dapper**, Clean Architecture, **DDD**, and **CQRS**
- Integrated **SignalR**, **Hangfire**, **Redis** caching, and containerized services with **Docker**
- Tested and documented APIs using **Postman** and **Swagger**; built microservice routing via **Ocelot/YARP**

Mentorship Program - RONY RIZK

Junior Full-Stack Developer

Remote

Sep 2023 - May 2024

- Built responsive web interfaces using **HTML**, **CSS**, and **JavaScript**, focusing on clean UI and practical user flows
- Developed and integrated backend APIs with **Node.js** and **Express**, improving data handling and system performance
- Worked with **MS SQL Server** and **MongoDB** to design, query, and optimize database structures for real application needs
- Created dynamic and responsive web interfaces using **React.js**, improving interactivity and overall user experience
- Collaborated through **Git/GitHub**, participating in code reviews, debugging, and feature delivery within a real development workflow

PROJECTS

Action Zone

Team Member

Beirut, Halat

Nov 2024 - Feb 2025

- Built a gun-store e-commerce platform with weapon listings, cart flow, and PDF invoice generation using **PHP** and **MySQL**
- Developed admin dashboards for managing products, categories, and users
- Implemented responsive UI components with **Bootstrap**, **CSS**, and **JavaScript**
- Integrated 3D weapon models using **Three.js** for interactive product visualization

Cabina

Team Lead

Beirut, Halat

Feb 2024 - May 2024

- Built a cabin reservation platform with listings, availability search, and full CRUD features
- Designed backend logic and database structure using **PHP** and **MySQL**
- Delivered a responsive UI and led technical decisions across the project

ACTIVITIES AND LEADERSHIP

Senior Project - Cabina

Team Lead

Beirut, Halat

Feb 2024 - May 2024

- Led the full development of the senior project, managing team coordination, technical decisions, and delivering a fully integrated system

IEEE Student Member - American University of Technology

Team member

Beirut, Halat

Feb 2022 - June 2025

- Participated in IEEE student branch events, workshops, and technical activities

SKILLS

Programming: C#, ASP.NET, Java, Python, JavaScript, HTML/CSS, SQL, Express.js, Node.js, React.js

Tools: Android Studio, Visual Studio, VS Code, Git/GitHub, Cursor, Claude code, Supabase, MySQL, MongoDB, Postman.