

Mahmoud Salah El Dine

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EDUCATION

American University of Technology

Jbeil, Lebanon

B.S. in Computer Science

Graduated Feb 2025

- **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

InternGrub

Remote

Full-Stack Web Developer (WordPress & PHP)

May 2026 – Present

- Built custom WordPress child themes, overrode parent templates (single.php, archive.php, footer.php), and enqueued CSS/JS through functions.php.
- Implemented custom WP_Query loops, action/filter hooks, reusable template parts, and interactive forms using **HTML, CSS, JavaScript, and Elementor**.
- Configured WooCommerce stores including product catalogs, categories, cart, checkout flows, and payment integrations.
- Developed an inventory and production management system for a sweets manufacturing business using **PHP, MySQL, and PDO**.
- Designed and implemented relational database schemas covering inventory items, categories, locations, stock movements, and production batches.
- Built responsive administrative dashboards with **Bootstrap 5** for inventory tracking, production management, factory-to-store transfers, product recipes, and low-stock monitoring.
- Implemented business logic for stock transactions, production consumption, adjustments, returns, waste management, and audit/void tracking.
- Applied security best practices including Wordfence, UpdraftPlus backups, file-editing restrictions, SSL enforcement, and secure database interactions.

Mentorship Program – RONY RIZK

Remote

Junior Backend Developer

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

Remote

Junior Full-Stack Developer

Sep 2023 – May 2024

- Built responsive and user-friendly web interfaces using **HTML, CSS, and JavaScript**, focusing on accessibility, cross-browser compatibility, and intuitive user experiences.
- Developed and integrated RESTful APIs using **Node.js** and **Express.js**, implementing routing, request validation, error handling, and efficient data processing.
- Designed, queried, and optimized relational and **NoSQL** databases using **MS SQL Server** and **MongoDB**, improving data organization and application performance.
- Created dynamic single-page application components with React.js, utilizing reusable components, state management, and API integration to enhance interactivity.
- Implemented CRUD operations across the full stack, connecting frontend interfaces with backend services and databases to deliver complete business workflows.
- Participated in debugging, testing, and performance optimization, identifying and resolving issues across frontend and backend layers.
- Collaborated using **Git** and **GitHub** in a team-based development environment, contributing through version control, pull requests, code reviews, and feature delivery.
- Applied software engineering best practices including modular code structure, reusable components, and maintainable application architecture.

PROJECTS

Youzarsif

Remote

Full-Stack Developer

June 2026 – Present

- Built an inventory and production management system for a sweets manufacturing business using **PHP**, **MySQL**, and **PDO**
- Designed a relational database schema covering categories, units, locations, items, stock movements, and production batches
- Developed admin dashboards for tracking factory-to-store transfers, finished products, product recipes, and low-stock alerts
- Implemented stock movement logic (purchase-in, production consumption, adjustments, waste, returns) with audit/void tracking
- Built responsive admin UI with **Bootstrap 5**, Bootstrap Icons, **CSS**, and **JavaScript**

Al Yasamina Shop

Remote

Remote WordPress Developer

May 2026

- Built a fully functional e-commerce website for a handmade wool and knitting shop using WordPress, **Elementor**, and Astra theme
- Designed and developed 5 pages (Home, About, Designs, Customize Order, Contact Us) based on a Figma design
- Built a custom interactive order form with **HTML**, **CSS**, and **JavaScript** featuring color picker, quantity selector, size options, and WhatsApp API integration
- Implemented responsive design with custom CSS breakpoints for mobile, tablet, and desktop
- Applied WordPress security measures including **Wordfence**, **UpdraftPlus** backups, and **SSL** enforcement

Action Zone

Jbeil, Lebanon

Team Member

Nov 2024 – Feb 2025

- Built a gun-store e-commerce 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

Jbeil, Lebanon

Team Lead

Feb 2024 – May 2024

- Built a cabin reservation platform with listings, availability search, and full CRUD functionality using **Java**, **Spring Boot**, and **MySQL**
- Developed RESTful APIs and backend services following OOP principles and MVC architecture
- Designed and managed the relational database structure and application business logic
- Delivered a responsive user interface and led technical decisions throughout the project lifecycle

ACTIVITIES AND LEADERSHIP

Senior Project - Cabina

Jbeil, Lebanon

Team Lead

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

Jbeil, Lebanon

Team member

Feb 2022 – June 2025

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

SKILLS

Programming: C#, ASP.NET, PHP, 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, WordPress, Elementor, WooCommerce, XAMPP, phpMyAdmin.