Mohammad Hesham Elsayed

Egypt, New Cairo

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Portfolio — GitHub — LinkedIn

EDUCATION

IGCSE certificate, Cairo
Manarat Alfarouk School   August 2021

Misr International University (MIU), Cairo
Software Engineering   Expected July 2025
Focus: Software Development (Full-Stack Development)

EXPERIENCE

MIU University, Cairo
E-learning Web Application Project   2023 - 2024

- Developed a comprehensive e-learning platform similar to Coursera, leveraging HTML, CSS, JavaScript, PHP, and MySQL.

- Implemented the project using the MVC (Model-View-Controller) architecture to ensure a scalable and maintainable codebase.

- Designed a user-friendly interface with HTML and CSS, ensuring a seamless and engaging user experience.

- Utilized JavaScript for dynamic functionality, enhancing the interactivity and responsiveness of the platform.

MIU University, Cairo
E-commerce Web Application Project   2022 - 2023

- Designed and developed a comprehensive e-commerce platform for furniture sales, similar to IKEA, using HTML, CSS, JavaScript, Node.js, Express, and MongoDB.

- Created a visually appealing user interface using HTML and CSS, ensuring a positive shopping experience.

- Developed a robust back-end using Node.js and Express, handling server-side operations, user authentication, and transaction processing.

- Employed MongoDB for efficient storage, retrieval, and manipulation of product and user data.

- Structured the application using MVC architecture to promote modularity, maintainability, and scalability.

MIU University, Cairo
Football News System (Desktop Application)   2021 - 2022

- Developed a sophisticated Football news management system with a user-friendly interface using Java and JavaFX.

- Applied Object-Oriented Programming (OOP) principles to design and implement a modular, maintainable, and scalable system.

- Designed intuitive GUI components with JavaFX, ensuring an engaging user experience for managing sports-related activities.

- Ensured data persistence and integrity by integrating with relational databases and employing robust data handling techniques.

CERTIFICATES

Motorola (Systel Telecom)   Summer 2024 — On-site
Certificate of Training
Learned: Introduction to Telecommunications, Embedded Systems, Public Safety Communication, Microwave and Broadband Communication, Fiber Optics, Communication, CCTV, Practical Workshop

ITIDA   Summer 2024 — Remotely
Certificate of Training
Soft Skills: Communication Skills, Interview Skills, Presentation Skills, Leadership Skills, Teamwork, Decision Making, Problem Solving, Time Management, Freelancing Skills, Introduction to Information Security and Privacy

Skills

Languages: Fluent in Arabic & English

Programming: C++, C#, .NET, OOP, Python, Node.js, Java, JavaScript, HTML/CSS, PHP, Databases, Spring Boot, Flutter

Soft Skills: Leadership & Teamwork, Problem Solving, Time Management, Communication, Presentations