




Omar Hosny

Software Engineer

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 May 13, 2003

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 <https://github.com/Omarhosny366>

Education

Informatics and computer science
Software Engineering

Oct 2021 – Jul 2025

German International University, Egypt

Currently pursuing a degree in Computer Science, Software engineering major

Projects

Help Desk Platform (2023):

Developed a MERN stack (MongoDB, Express.js, React, Node.js), This Software aims to streamline the support and ticketing process, enhance communication between support agents and users, and provide a comprehensive knowledge base for quick problem resolution.

Cairo Metro System (2022):

The Cairo Metro System Web Application is a full-stack project designed to provide users with a seamless experience for navigating the Cairo Metro network. Leveraging modern web technologies such as Node.js, PostgreSQL, AJAX, and HTML, this application aims to enhance the public transportation experience in Cairo.

Car Showroom Website (2023):

Developed a dynamic car showroom website using Angular for the frontend, Node.js for the backend, and MongoDB for the database. Orchestrated seamless integration for a responsive and feature-rich user experience, allowing clients to browse, purchase, and access detailed information about showcased car brands.

Software Architecture Project (2023):

Developed the design and architecture of a software application, addressing requirements. Additionally, created a prototype for the User Interface of that project using Figma. Utilized model diagrams for clarity, detailing key components and processes. Employed BPMN for visualizing critical business processes, enhancing project communication and analysis.

Marvel Game (2022):

Created an engaging Marvel-themed game where players select heroes and villains, engaging in strategic battles on a game board. Implemented using Java with object-oriented programming and Java's GUI components.

Super Mario Game (2023):

Engineered a Super Mario game using C++ with object-oriented programming principles and optimized data structures. It brings the iconic Super Mario game to life. Dive into the Mushroom Kingdom, navigate challenging levels, and experience the classic gameplay in a C++ console application.

Curricular activities

Usher in GIU's graduation party (2023):

German International University, Egypt

Guided guests and coordinated events during university graduation.

Managed crowd flow, addressed issues, ensuring a seamless celebration.

Organizer at Amr Diab's Concert (2023):

The Great Pyramids of Giza, Egypt

Led the organization of Amr Diab's concert, overseeing all aspects of event planning and execution.

Skills

- JavaScript
- Node.js
- MySQL
- NoSQL
- Flutter
- Angular
- React
- HTML
- CSS
- Java
- C++
- Python
- Microsoft Office

Soft Skills

- Leadership
- Problem Solving
- Time Management

Languages

- Arabic (Native)
- English (Fluent)
- German (Intermediate)