

MOHANED MOHAMED

Email: mohanedegypt76@gmail.com | Phone: 01002358785 | [Portfolio](#) | [LinkedIn](#)

Professional Summary

A highly motivated Computer Science & Artificial Intelligence student at Cairo University, specializing in Decision Support Systems. Possesses a strong foundation in data systems, scripting, and software development, with a proven ability to analyze complex data structures and optimize workflows. Adept at technical troubleshooting, process automation, and bridging the gap between technical requirements and data integrity.

Technical Skills

Programming & Scripting: Python (Data Scripting), C++, Java, C#, JavaScript.

Data & Database Management: SQL, Database Design, Data Modeling, Data Processing & Integrity.

Web Development: HTML, CSS, JavaScript.

Workflow & Productivity Tools: Advanced Excel / Google Sheets (Complex formulas & data tracking), Jira & Monday.com (Project tracking frameworks).

Core Concepts: Data Structures, Algorithms, Systems Architecture, Logic & Troubleshooting.

Soft Skills: Attention to Detail, Strategic Operations, Client Communication, Technical Leadership.

Key Projects

Football Players Data & Analytics Project | Lead Developer

- Designed and architected a comprehensive system for collecting, organizing, and managing large-scale athletic datasets.
- Applied advanced Data Structures concepts to optimize data storage, retrieval, and system efficiency.
- Implemented strict data integrity checks and improved data processing accessibility for end-users.
- Technologies: C++, Java, Advanced Data Processing.

Supermarket Database & Operations System | Developer

- Developed a database-driven framework to streamline product management and operational workflows.
- Designed complex SQL queries and robust database schemas to handle transaction logs and inventory tracking.
- Audited data entry processes to eliminate inconsistencies and ensure structural technical consistency.
- Technologies: C#, SQL, Database Management Systems.

Movies Information Platform | Frontend Developer

- Built a responsive dynamic web application for browsing and filtering entertainment data repositories.
- Developed customized UI components and interactive modules using JavaScript to enhance data visualization.
- Technologies: HTML, CSS, JavaScript.

Education

Bachelor of Computers and Artificial Intelligence

Cairo University, Egypt | Specialization: Decision Support Systems

Expected Graduation: 2027

Languages

Arabic: Native

English: Professional Working Proficiency (Excellent written and verbal communication)