

Mohamed Hisham Abouella

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Professional Summary

Motivated junior software engineering with hands-on experience in full-stack development, and mobile applications. Skilled in building AI-powered applications and e-commerce platforms. Eager to contribute to innovative software projects and grow in a collaborative team environment.

Education

Bachelor of Computer Science – Misr International University (MIU), Cairo
Specialization: Software Engineering | Sep 2021 – Jun 2025

School: Rowad American Collage

Technical Skills

Languages: Java, C++, C#, Python, PHP, Dart, JavaScript, HTML/CSS

Frameworks: Flutter, Spring Boot, Node.js

Databases: MySQL, Firebase

Tools: Git, Jira, Figma, WordPress, MS Office

Concepts: OOP, Software Design Patterns, Agile/Scrum

Projects

HeartGuard (Flutter, FastAPI, Firebase, Arduino)

- Developed a real-time cardiac monitoring app with ECG sensor and cardio microphone integration.
- Used AI to detect cardiac abnormalities and generate health summaries.
- Integrated ESP32 for data transmission and hardware interfacing.

Jewelry Store Website (HTML/CSS, JavaScript, Spring Boot, Java, MySQL)

- Built an e-commerce platform for browsing, ordering, and customer management.

Tourism Platform (WordPress)

- Launched a responsive website with blog content, destination highlights, and booking features.

Mine Eraser Game (C++)

- Developed a desktop puzzle game with logic-based gameplay and custom graphics.

Bank Management System (C#)

- Designed a desktop app with account creation, transaction handling, and admin reports.

Clothy E-commerce Platform (HTML/CSS, JavaScript, PHP, MySQL)

- Created a full-stack online clothing store with product management and user accounts.

Professional Experience

IT Intern | Khalda Petroleum Company

- Assisted in maintaining IT infrastructure, troubleshooting servers and networks.
- Helped optimize system workflows and collaborated with IT staff.

Certificates

- Fundamentals of Deep Learning (NVIDIA)

Soft Skills

Time Management | Communication | Problem-Solving | Teamwork | Adaptability |
Continuous Learning