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 (RAC) , Cairo

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)