

# Mohammed Mostafa Mostafa

## Software Engineer

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☎ 01097210066

📍 Egypt - cairo

🛡 Military Service Completed

🔄 Mohammed-Mostafa-Elsayed

🌐 mohammed-mostafa-elsayed

🇪🇬 Egyptian

### 👤 Professional Summary

Detail-oriented Software Engineer with 2+ years of experience in front-end and full-stack development. Proficient in building scalable web applications using **React**, **Python (Django/Flask)**, and **Spring Boot**. Proven ability to deliver high-quality software solutions, from developing a GUI for a smart TV OS at Elaraby Group to building full-stack e-commerce platforms. Seeking to leverage technical and problem-solving skills in a challenging full-stack role.

### 📁 Professional Experience

#### System Administrator

2021 – 2023

*armed forces*

- Managed and maintained servers, networks, and security configurations, ensuring high availability and optimal performance across critical systems.
- Implemented and monitored firewalls, SSH access, and network protocols, enhancing security and operational efficiency.

#### fornt-end developer

01/2024 – 10/2025

*Elaraby group*

Egypt

- Developed the GUI for a new, web-based Smart TV operating system using **React** and **WebKit**, focusing on performance and seamless hardware integration.
- Contributed to a scalable and modern TV OS, enhancing user experience and interactivity.
- Collaborated within a cross-functional team to design and implement intuitive and efficient user interfaces.

#### front-end developer

01/2025 – Present

*OORO* 

### 🎓 Education

#### Bachelor Of Computer Science & Engineering

2015 – 2020

*Faculty Of Electronic Engineering Menofia University*

### 📁 Certifications & Training

#### Information Technology Institute (ITI)

07/2023 – 11/2023

Intensive Training program (ITP)

Mansoura, Egypt

Full stack web developer using python

**Cybersecurity Trainee Huawei ICT Talent Development Program**  
Successfully completed the official **HCIA-Security V4.0** course, gaining foundational knowledge in Huawei cybersecurity technologies and principles.

07/2024 – 10/2024  
NTI-banha

## Technical Skills

### Programming language

Python, Java, JavaScript, C/C++, SQL, Bash

### Frontend / Web:

React, Redux, HTML5, CSS3, Bootstrap, MUI, WebKit

### ERP & Platforms:

Odoo, RDK

### Operating System

Windows

Linux

### Backend / Full-Stack

Spring Boot, Django, Flask, RESTful APIs

### Tools & DevOps:

Git, Docker, Maven, Gradle, Linux, Figma

### Databases:

MySQL, PostgreSQL, H2

### Networking & Security:

CCNA, HCIA-Security, TCP/IP, Firewalls

## Projects

### Smart TV Operating System

the first **web-based operating system for Smart TVs**, built on **Linux** and leveraging the **RDK layer**. Developed the **GUI using React and WebKit**, focusing on performance, usability, and seamless integration with TV hardware. Contributed to building a scalable and modern TV OS that delivers a smooth and interactive user experience.

### E-Commerce Web Application – Coffee Store

Built a full-stack **e-commerce web application** for selling coffee using **Django (backend)** and **React (frontend)**. Implemented features such as product listing, shopping cart, and order management. Focused on creating a smooth user experience with secure backend logic and a responsive interface.

### Movies Web Application

Developed a **movies web application** using **React** with **Redux** for state management and **Axios** for API integration. Designed responsive pages with **HTML, CSS, Bootstrap 5, and MUI**, providing features like movie browsing, search, and dynamic content rendering. Focused on clean UI, smooth performance, and efficient data handling.

### Crowdfunding Web Application

Developed a **full-stack crowdfunding application** using **Django** for both frontend and backend. Implemented core features such as project creation, user registration, and contribution management. Focused on building a secure, scalable platform with a straightforward user experience.

### DBMS using Bash Shell Scripting

Built a **simple Database Management System** using **Bash shell scripting**, implementing core operations such as **create, read, update, and delete (CRUD)**. Designed command-line interfaces for managing data files, showcasing strong skills in scripting, automation, and system-level programming.

### Hospital Module – Odoo ERP

Developed a **Hospital Management Module** in **Odoo** using **Python**, covering main configurations such as patient records, appointments, and resource management. Focused on customizing Odoo's framework to streamline workflows and improve healthcare operations efficiency.

### MiniShell – Custom Unix Shell

Developed a **custom shell** in **C language**, implementing essential Unix shell features such as command execution, input parsing, and process management. Focused on low-level programming, memory management, and understanding of operating system concepts.

## **Personal Skills**

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- Excellent problem-solving and analytical skills
- self-learning, innovative
- Strong attention to details, adaptable, cooperative and provide
- hardworking and highly motivated individual as I ensure that I keep all my tasks up to date and ensure they are submitted on time.
- Strong communication and collaboration skills

## **Languages**

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- Arabic
- English