

Ahmed Osama Samir

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PROFILE

Full Stack Developer with strong experience in building fully integrated web applications using modern technologies. Proficient in designing responsive and professional user interfaces and developing robust, scalable, and secure backend systems using **React, Redux, Node.js, MongoDB, and .NET**. Skilled in database design, system analysis, and creating RESTful APIs. Committed to delivering high-quality technical solutions that meet user needs and align with organizational goals.

SKILLS

Frontend: React, Redux, HTML, CSS, JavaScript, CSS, Tailwind CSS
Backend: Node.js, Express.js, .NET Core, C#

Database: MongoDB, SQL Server
Tools & Concepts: RESTful APIs, JWT, Git, GitHub

Projects

Enjoy E-commerce Platform (*React, Redux, Node.js, Express.js, MongoDB, JWT*)

Built a complete e-commerce web app with cart, checkout, product filtering, and admin dashboard. Included secure login with JWT and responsive UI.

Pharmacy Management System (*React, .NET Core, C#, SQL Server*)

Developed a system to manage inventory, employees, invoices, and sales with real-time profit analysis and admin control panel.

Personal Medical Report System (*React, Node.js, MongoDB, QR Code*)

Created a platform to submit and display patient reports with scannable QR codes and conditional form fields based on user input.

Portfolio Website (*React, Tailwind CSS, Framer Motion*)

Designed a personal portfolio with RTL/LTR language support, dark/light mode, animations, and responsive layout for all devices.

Plant Disease Detection (*Python, CNN, KNN, TensorFlow, OpenCV*)

Trained ML models on the PlantVillage dataset to classify plant diseases from leaf images with high accuracy.

Job Platform for Students and Graduates (*.NET Core, SQL Server, React*)

Built a platform to connect students with job opportunities based on location and experience. Includes CV uploads and job filtering.

User Management System (*React, Redux, Node.js, MongoDB, JWT*)

Implemented full user management with secure login, role-based access, and activity logs for admins and users.

Agricultural Expert System (*Prolog*)

Built an expert system that gives farming advice based on crop, season, pests, and treatment in both English and Arabic.

CERTIFICATES

DIGITAL EGYPT PIONEERS INITIATIVE (DEPI)
(April – October 2024)

React Frontend Web Developer Track

Gained comprehensive knowledge in **HTML, CSS, JavaScript, and React**.

Developed capstone project integrating **React** and **Node.js** to produce a real-world web application.

EDUCATION

Bachelor of Science in **Computer Science**

Obour Institutes — Fourth Year Student

Expected Graduation: 2026