

Hager Essam Hassan Bakr

Frontend developer

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PROFILE

Frontend Web Developer with hands-on experience building modern, responsive web applications using **JavaScript and Angular**. Strong foundation in **HTML5, CSS3, and responsive design principles**. Experienced in integrating **RESTful APIs**, working with component-based architecture, and following **Agile methodologies**. Familiar with **Git**, clean code practices, and performance-focused UI development. Passionate about creating scalable, user-friendly interfaces.

EDUCATION

Bachelor of Computer Science

09/2021 – 06/2025

Minya University – Faculty of Computers and Information

Minya

TECHNICAL SKILLS

Programming Languages

- JavaScript (ES6+)
- TypeScript
- HTML5
- CSS3

Frontend Development

- Angular
- Responsive Web Design
- Material UI
- CSS Preprocessors

Databases

- MongoDB
- SQL (Relational Databases)
- NoSQL Databases
- PostgreSQL

Software Engineering

- Object-Oriented Programming (OOP)
- Data Structures & Algorithms
- Software Design Principles
- Agile/Scrum Methodologies

UI/UX & Design

- UI/UX Design Principles
- Design Thinking
- Wireframing & Prototyping
- Adobe XD
- Adobe Photoshop
- Adobe Illustrator

PROJECTS

ECommerce

I designed and developed a fully functional e-commerce store that allows products to be displayed in a structured and seamless way, with a strong focus on user experience and performance. The project is built using **Angular** and follows a clear, scalable architecture.

bonesApp

Developed the frontend of **Boneify**, an intelligent medical web application built with **Angular** that connects patients with bone specialists. The application supports patient and specialist registration, secure JWT-based authentication, profile management, certificate verification for specialists, real-time chat, and educational resources. Boneify integrates AI-powered fracture detection using CNN-based X-ray analysis to support early orthopedic diagnosis and improve patient-specialist communication.

Our platform was built to support students, instructors, and admins with a complete system for managing online courses, tracking progress, and providing quizzes and feedback.

PROFESSIONAL EXPERIENCE

DEPI 

11/2024 – 05/2025

Full Stack Development Trainee (DEPI)

Certified Full Stack Development Trainee from the **Digital Egypt Pioneers Initiative (DEPI)** with hands-on training in building modern web applications using **JavaScript and .NET technologies**. Developed a strong foundation in **HTML, CSS, responsive design, RESTful API integration, and database fundamentals**. Trained in **software engineering principles, Agile methodologies, Git version control**, and secure coding practices. Highly motivated to apply acquired skills in real-world projects and continue growing as a professional software developer.

Awarded **First Place** with team in the **DEPI Full Stack Development Program**.