

# Mahmoud Khalifa *Full Stack Developer Using MERN*

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## Profile

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Motivated and detail-oriented **Full Stack Developer (MERN & Angular)** with strong knowledge of modern web technologies, including **MongoDB, Express.js, React.js, Next.js, Angular, and Node.js**.

Computer Science graduate with hands-on experience in building **responsive and scalable web applications** and **RESTful APIs**, following **SOLID principles** and clean architecture practices to ensure maintainable and high-performance solutions.

Passionate about writing **efficient, high-quality code**, learning from real-world projects, and contributing to **innovative, impactful software products** that deliver exceptional user experiences

## Internship / Training

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06/2025 – 12/2025

### Web Development Intern

ITI (MEARN Full-stack)

- Learned and applied React.js and Node.js in building small projects.
- Worked with team members on real-world tasks and debugging.

## Education

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2022

### Bachelor's Computer and Information Science

Faculty of Computer and Information Science (information system department) Ain Shams University

Grade "Good" .

- (Graduation Project) **Plant Disease Recognition From Image: AI-based desktop application** that detects plant diseases from images and provides appropriate treatment recommendations. (Grade: Excellent)

## Technical Skills

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### Frontend

HTML5, CSS3, JavaScript (ES6+), TypeScript, Next, jQuery, Bootstrap, Tailwind, Angular, React, SCSS, Context, Redux.

### Database

MongoDB, Mongoose.

**Strong understanding of OOP, Data Structure, and Algorithm's analysis and design.**

**Proficient in unit Testing .**

**Exceptional interpersonal and presentation skills.**

**Excellent in troubleshooting and problem solving .**

### Additional Skills

Agile, Git, GitHub, Design Patterns, C++, Java, C#, python

### Backend

Node.js, Express.js, RESTful APIs.

### Tools

Git/GitHub, Postman, VS Code.

**Proficient in HTML ,CSS and Java script**

**Database design and SQL knowledge using MySQL**  
MongoDB, Mongoose, and SQL server.

**Ability to work in a team environment as well as independently.**

**elevated level of communication skills.**

## Academic Projects

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### E-Commerce Web App

([GitHub](#)) ([Demo](#))

- Developed using MERN Stack with features like product listing, cart, and checkout.
- Implemented by HTML5 ,CSS3, native JS, Bootstrap.

### Movies website

- A simple Next.js web app where users can browse movies, view details, and save favorites. Uses a public movie API for data and stores favorites locally.
- Next.js, React, Bootstrap, API Fetch, LocalStorage.

## COURSES AND CERTIFICATES

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01/2025 – 10/2025	<b>Front-end development with React.js</b> <i>SEF Academy</i>
10/2025	<b>The Principles of Writing Clean Code</b> <a href="#">↗</a>
09/2025	<b>Introduction to MongoDB from MongoDB</b> <a href="#">↗</a>
09/2025	<b>Secure Software Development Lifecycle (SSDLC)</b> <a href="#">↗</a>

### Language

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- English
- Arabic

## PERSONAL INFORMATION

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- Military Service: completed
- Birth Day: 25/1/1999