

Mohamed Ahmed

Full-Stack Web Developer (MEARN)

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PROFILE

Full-Stack Web Developer with expertise in both front-end and back-end technologies. Proficient in building dynamic, scalable web applications using modern frameworks and programming languages. Adept at optimizing performance and ensuring responsive design while delivering seamless user experiences. Skilled in tools like JavaScript, React, Node.js, Express, and databases such as MongoDB.

Internships

Information Technology Institute

Dec 2024 - Apr 2025

4 Months Intensive Code Camp

Track: MEARN

Branch: Cairo University

Trainee as Full Stack MEARN Developer

Projects:

- Movie Sphere [🔗](#)

Movie Listing Web App

Technologies: Angular, Bootstrap, TMDB API.

Developed a dynamic web application for browsing and discovering movies.

Key features include:

Advanced filtering, search functionality, and pagination for smooth navigation.

User authentication and secure content access.

Favorite movies functionality for personalized user experience.

Subscription system for premium content access.

Integrated with TMDB API for up-to-date movie data.

- E-Commerce Application [🔗](#)

Technologies: Next.js, React.

Key features include:

Product Catalog: Displays a comprehensive list of products with detailed information.

Shopping Cart: Allows users to add products to their cart and manage quantities.

User Authentication: Enables users to register, log in, and securely manage their accounts.

Responsive Design: Ensures optimal viewing and interaction across various devices.

- Movies Website [🔗](#)

Movie Listing Web App

Technologies: React, MUI.

Developed a dynamic web application for browsing and discovering movies.

Key features include:

Advanced Filtering and Search Functionality: Implemented features that allow users to filter and search through a vast collection of movies efficiently.

Integrated with TMDB API for up-to-date movie data.

Favorite movies functionality for personalized user experience.

Work EXPERIENCE

Drive Test Engineer, Trio Telecom

Jan 2019 – Apr 2021

As a Drive Test Engineer at Trio Telecom,

- I have been involved in various tasks related to network performance, quality, and optimization, such as main roads, clusters, indoor tests, and benchmark measurements.
- I have used TEMS investigation and TEMS pocket software to detect and report issues such as bad coverage, cross-sector, cross feeder, low throughput, dropped calls, etc.
- I have also performed tests such as MOS (POLQA), DL tests, UL tests, etc.
- handled customer complaints and NTRA missions.

EDUCATION

Bachelor, Modern Academy for computer science

2018-2022

Graduation project (A+) in (Augmented Reality) using C# and Unity

Cairo, Egypt

Grade: Very Good

SKILLS

Programming Fundamentals:

OOP, Data Structure & Algorithms, Design Patterns

Programming Languages and Technologies:

C++, HTML, CSS, JavaScript, TypeScript, GraphQL, REST APIs, Firebase, Postman, Dart

Frameworks and Tools:

- **Frontend:** ReactJS, NextJS, Angular, Bootstrap, MUI, PWA, jQuery
- **Backend:** NodeJS, ExpressJS, NestJS
- **Databases:** MongoDB, MySQL
- **Mobile:** Flutter
- **Version Control:** Git, GitHub

Courses

React, NodeJS, Express & MongoDB - The MERN Fullstack Guide [Udemy] - 18+hours

Build full stack React.js applications with Node.js, Express.js & MongoDB (MERN) with focused course.

Instructor: Maximilian Schwarzmüller

Complete Flutter & Dart Development Course [Udemy] - 53+hours

Learn to develop mobile applications using Flutter (future technology)

Instructor: Tharwat Samy

LANGUAGES

Arabic: Native

English: Very Good

Additional Information

Military Status: Completed