

Ahmed Mohamed Labib

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I'm a MEAN Stack and Flutter Developer, building responsive, scalable web applications and high-performance cross-platform mobile apps. Skilled in Angular, Node.js, Express.js, MongoDB, Dart, and Flutter, with experience in RESTful APIs, UI/UX implementation, and fast development cycles. I focus on clean, maintainable code and creating engaging digital experiences.

Bachelor of Science in Mathematics and Computer Science-Helwan University 2022-2026

Grade: Very Good

Training

Cross-platform Mobile App (Flutter) Developer, *Digital Egypt Pioneers Initiative(DEPI)*

June 2025 – December 2025

- Successfully completed hands-on training in mobile application development using Flutter and Dart within the DEPI program.
 - Developed responsive and high-quality UI components following Material Design and best UX practices.
 - Gained solid experience in state management, API integration, and structuring scalable Flutter project architectures.
 - Implemented clean code principles, reusable widgets, and performance optimization techniques for Android and iOS apps.
 - Utilized Git/GitHub for version control, feature tracking, and maintaining a professional and organized workflow.
 - Built real-world application modules including authentication, data handling, navigation, and local storage using Hive
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Mean Stack Developer, National Telecommunication Institute

(NTI) Dec 2024 – Jan 2025

- **Mastered** full-stack development through a hands-on MEAN stack internship program, delivering end-to-end web applications.
- **Engineered** and **deployed** dynamic web solutions, utilizing MongoDB, Express.js, Angular, and Node.js (MEAN) for robust performance.

- **Designed** and **implemented** scalable backend services and RESTful APIs in collaboration with team members.
- **Applied** technical knowledge to solve practical web development challenges during real-world project execution.

Frontend Developer, Digital Egypt Pioneers Initiative(DEPI)

April 2024 – October 2024

- **Completed** hands-on training focused on building responsive and dynamic web applications using modern frontend technologies.
- **Built** user-friendly interfaces, gaining practical experience with HTML, CSS, Bootstrap, and core JavaScript.
- **Utilized** Angular framework to architect modular, maintainable, and efficient web components.
- **Employed** Git/GitHub for code versioning and collaborative tracking, ensuring adherence to development best practices.
- **Led** the development team for **ACADEMIA**, a comprehensive online learning platform (Graduation Project).

Projects

Metro-Guide-App:

Built a Flutter based mobile application that helps users navigate metro stations and routes easily.

Developed a clean and intuitive user interface using Flutter Widgets and Material Design principles.

Structured the project using reusable components and a scalable architecture for smooth data handling.

Implemented organized station data and simple route exploration to improve the user experience. Used Git and GitHub for version control and keeping the development workflow clean and trackable.

Notes-App:

- Built a Flutter-based notes application focusing on smooth note creation, editing, and management.
- Designed a clean and user-friendly interface using Flutter Widgets to ensure an intuitive experience.
- Implemented local storage to allow users to access and manage notes offline with high performance.

- Structured the project using modular, maintainable, and scalable Flutter architecture.
- Utilized Git/GitHub for version control to track updates and maintain a clean development workflow.

E-Commerce Platform (Cozastore)

- **Developed** a full-stack e-commerce platform as part of the NTI MEAN Stack scholarship, enabling users to browse products, manage carts, and place orders.
- **Architected** a dynamic user interface using **Angular** and **TypeScript** (Frontend) and built the backend with **Node.js** and **Express.js** to manage robust APIs and server-side logic.
- **Integrated MongoDB** as the database solution to efficiently handle user data, product catalogs, and real-time order tracking.
- **Implemented** role-based access control, dedicating admin routes for product management and order status updates, separate from regular user shopping functionality.
- **Managed** the entire project lifecycle using Visual Studio Code and version control via GitHub.

Online Courses Platform (ACADEMIA)

- **Led** the development of ACADEMIA, a comprehensive online platform enabling users to browse, enroll in courses, and automatically receive completion certificates.
- **Engineered** a dynamic and interactive user experience using **Angular** and **TypeScript**, while utilizing HTML/CSS combined with **Bootstrap** for responsive styling.
- **Employed** Visual Studio Code for development and utilized GitHub for essential version control and collaborative tracking.

Special Design

- **Created** a visually appealing and interactive modern website template using core HTML, CSS, and JavaScript.
- **Enhanced** interactivity using JavaScript features such as dynamic backgrounds and toggle settings.
- **Integrated** diverse UI elements (landing pages, skill bars, and galleries) to ensure seamless navigation and high user engagement.
- **Ensured** the website template was fully responsive, guaranteeing an optimal viewing experience across various screen sizes.

Tradix-Design

- **Developed** an interactive web platform for financial/trading content, prioritizing a clean and fully responsive design for enhanced user engagement.
 - **Implemented** the structure using HTML and styled the interface using CSS and **Bootstrap** to ensure flawless responsiveness across all devices.
 - **Hosted** the final design on GitHub Pages, managing all code and version control using GitHub.
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Courses

AI Career Essentials, **ALX** July 2024 - September 2024

Certifications

- **MEAN-Stack Web Development (Digital Egypt Youth Program)**
 - **Issuing Body:** National Telecommunication Institute (NTI).
 - **Completion Date:** January 2025 (Program run: 07/12/2024 to 22/01/2025).
 - **Achievement:** Completed 90 Technical Hours with a **Score of 100%**.
- **Digital Egypt Pioneers Program (DEPI) - Frontend Developer Job Profile**
 - **Issuing Body:** Ministry of Communications and Information Technology (MCIT).
 - **Completion Date:** October 2024 (Program run: April to October 2024).
 - **Achievement:** Recognized for successfully achieving **excellence** in the program.

Skills

Mobile Development: Flutter, Dart, Material Design, Responsive UI, State Management, Navigation, Authentication, API Integration, Modular Architecture, Local Storage (Hive, SharedPreferences), Offline Data Handling, Cross-Platform Development (Android & iOS), Clean Code, Reusable Components, Performance Optimization

Web Development (MEAN Stack):

Node.js, Express.js, MongoDB, Angular, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, RESTful APIs

Tools & Version Control:

Git, GitHub, VS Code, Postman API

Languages:

Arabic (Native), English (Intermediate)