MOHAMED ESSAM

Flutter Developer

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Banha, Egypt

PROFILE

Motivated Software Developer student specializing in mobile application development, particularly with Flutter. Experienced in turning ideas into real applications and continuously improving technical and problem-solving skills. Proficient in Dart and C++, familiar with mobile app development concepts and Kali Linux. Values teamwork, emotional intelligence, and clear communication. Currently aiming to start a career as a Flutter Developer to contribute and grow professionally in mobile app development.

WORK EXPERIENCE

CROSS-PLATFORM MOBILE APP DEVELOPER TRAINEE

Digital Egypt Pioneers Initiative (DEPI)

December 2025 - May 2026

- Selected for an intensive scholarship program focused on end-to-end mobile application development using Flutter and Dart.
- Mastered Dart Fundamentals and advanced Flutter concepts to build responsive, high-performance applications for Android and iOS.
- Integrated Firebase for real-time databases and backend services, and applied UX/UI Basics to improve user engagement and interface design.
- Practiced modern development workflows, including version control with Git/GitHub, functional documentation, and Unit Testing to ensure code reliability.
- Leveraged Prompt Engineering to optimize coding efficiency and utilized Mobile Deployment strategies for publishing apps to the App Store and Google Play.
- Capstone Project: Spearheaded the design and development of a comprehensive mobile solution, demonstrating mastery of the full software development lifecycle (SDLC).

EDUCATION

University

Modern University for Technology & Information

(MTI) – Faculty of Computer Science

2023 - 2027

PROJECTS

Task Master Mobile App (In Progress)

Flutter & Dart Developing a cross-platform mobile application designed for efficient personal task management.

- Implementing full CRUD (Create, Read, Update, Delete) functionalities for seamless data handling.
- Designing an intuitive user interface utilizing Material Design widgets.
- Applying state management solutions to ensure application performance and responsiveness

Personal Developer Portfolio | Web Development Project

Links: https://mohamedessam18.github.io/ |
https://github.com/mohamedessam18/mohamedessam18.github.io

- Developed and deployed a responsive personal portfolio website to showcase technical projects and professional identity.
- Utilized clean design principles to ensure effective presentation of skills to prospective employers.
- Managed version control and deployment procedures using GitHub Pages.

Alex Library System (C++)

Links: https://github.com/mohamedessam18/Library-System

The Alex Library Management System is designed to provide a basic simulation of a library management system.

SKILLS

- **Mobile Development**: Flutter, Dart Fundamentals, Flutter Advanced Topics, Firebase Integration.
- **Security & Scripting**: Red Teaming, Ethical Hacking, Bug Hunting, Penetration Testing, Bash Scripting.
- **Software Engineering**: Prompt Engineering, Functional Documentation, Unit Testing, Git/GitHub.
- **Design & Deployment**: UX/UI Basics, Mobile Deployment (Android & iOS).
- **Core Languages**: C++, Dart, Bash.

COURSES

- **Mobile Development:** Flutter, Dart Fundamentals, Flutter Advanced Topics, Firebase Integration.
- **Software Engineering**: Prompt Engineering, Functional Documentation, Unit Testing, Git/GitHub.
- **Design & Deployment**: UX/UI Basics, Mobile Deployment (Android & iOS).
- **Core Languages**: C++, Dart, Bash.
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LANGUAGES

- **Arabic:** Native
- **English:** Very Good
- **Spanish:** Beginner