Mostafa Hamed Elsayed

Mobile Application Developer

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Profile

Dedicated Software Engineer specializing in mobile development. Skilled in independent and team-based work, with a strong drive to learn and utilize the latest technologies. Committed to building high-quality, performant, and scalable applications.

Professional Experience

Expert CO.LTD   10/2023 – present
Mobile Application Developer - Full-time 🔗   Riyadh, Saudi
- Developed and maintained Expert Ltd Co's mobile applications.
- Enhanced existing features to improve performance and user experience.
- Contributed to the development of project timelines and feature priorities.
- Recommended changes and enhancements to improve software applications.
- Integrated Odoo systems with mobile applications, enabling seamless access to business modules like HR, CRM, and Inventory through the mobile platform.
- Utilized Firebase for push notifications and crash reporting, reducing app issues.
- Managed apps releases on Apple Store and Google Console providing regular apps updates.

SAIP - Saudi Authority for Intellectual Property   01/2024 – 06/2024
Mobile Application Developer - Part-time 🔗   Riyadh, Saudi
- Added SSO and Dynamic Workflow new features to improve security and functionality.
- Performed app coding, testing, debugging, documentation, and monitoring.
- Collaborated with Cyber Security team to resolve penetration issues and ensure compliance.
- Managed apps releases on Apple Store and Google Console providing regular apps updates.

Management Information Systems - Tanta University   01/2023 – 09/2023
Flutter Developer - Full-time 🔗   Tanta, Egypt
- Developed UMIS iOS and Android app from scratch, focusing on building the MVP.
- Implemented core functionalities, ensuring a solid foundation for future development.
- Collaborated with designers and product manager to define features and architecture.

Freelancer   01/2022 – present
Mobile Application Developer
- Designed and developed **Spaxet**, a cross-platform app for workflow management, encompassing inventory, production, employee and facility management, and financial accounting with smart ordering and payment features.
- Designed and developed **Steps-CRM**, a mobile app tailored for real estate businesses to manage customer relationships and streamline sales pipelines.

Projects

Odex SS
Apple Store 🔗 - Google Play Store 🔗
Odex SS is a smart attendance application that facilitates quick access to Services in the Odex system (ERP System).
- Technologies Used: Riverpod, Modular Arhitecture, Hooks, Dio, REST APIs, JWT, Freezed, Connectivity plus, Firebase, FCM, Location, Geolocator, Shared preferences, Flutter secured storage, dartz, Permission handler, Intl.

Saipers Gate
Apple Store 🔗 (Unlisted Distribution) - Google Play Store 🔗
App for members of the Saudi Authority for Intellectual Property with efficient interface and high security level.
- Technologies Used: Riverpod, MVVM Pattern, Hooks, Flutter app auth, open id client, Flutter jailbreak detection, root, Firebase, Geolocator, Flutter local notifications. Shared preferences, Flutter secured storage, Freezed, dartz, Permission handler, Package info plus, Pagination.

Spaxet
A versatile management app for inventory, production, employee, and financial processes.
- Technologies Used: Flutter, Modular Architecture, Cubit, REST APIs, JWT, Dio, Retrofit, Freezed, Json Serializable, GetIt, Intl , Screenutil, Shared Preferences, Secured Storage, Intl Localization.

UMIS
Associated with Tanta University.
Mobile app designed to meet the diverse needs of university students, doctors, and academic staff.
- Technologies Used: Flutter, MVVM, Bloc, REST APIs, Dio, JSON, dependency injection ,Responsive Design.

GameFusion
Google Play Store 🔗
A simple app packs four games in one as a practice for game design using Dart, Flutter and integrating Google AdMob.
- Technologies Used: Flutter, Shared preferences, Google Mobile Ads, Git.

MediSync 🔗
A platform connecting users to trusted doctors, enabling effortless appointment booking and efficient health care.
- Technologies Used: Flutter, Riverpod, Riverpod Arhitecture, Dio, Retrofit Generator, Easy Localization, Firebase, Flutter Secure Storage, Shared Preferences, Freezed, Json Serializable, Get It, ScreenUtil, Shimmer, Gitflow.

Book Hunter
Clean Architecture 🔗 - MVVM 🔗
Books store app provides exploration of a varied books collections, easy search, immersive reading experience.
- Technologies Used: Flutter, Clean Architecture Version, MVVM Version , Cubit, Local DB, Hive,REST APIs, Dio, JSON, dependency injection , Pagination, GoRouter, Animation, internetConnectivity,Shimmers.

Instagram Clone 🔗
Completely responsive full stack Instagram clone application that Works on iOS, Android & Web.
- Technologies Used: Flutter, Provider, Real-time DB , Firebase Auth, Firebase Storage, Firebase Firestore, Git.

Education

Bachelor's degree in Engineering, Tanta University   2017 – 2021
Faculty of Engineering - Computer and Automatic Control Department
Graduation Project - Online Exam Platform : Excellent "A"

Technical skills

General concepts: Data structure, Algorithms, OOP, Git & GitHub, Design Patterns.

Flutter: Flutter SDK, Dart, Responsive Design, Bloc, Cubit, Riverpod, Provider, MVVM, Clean Architecture, Modular Architecture, RESTful APIs, Dio, Retrofit, JSON, json_serializable, Freezed, Retrofit Generator,Shared Preferences, Flutter Secure Storage, Firebase, Realtime Database, Cloud Messaging, Riverpod Generator, CI/CD, Git, Native iOS Integration, Google Maps, Payment Gateways, Animation, Testing (Unit, Widget, Integration), Secure App Practices (Root/Jailbreak Protection), Custom Widgets, Testflight, Firebase App Distribution.

Languages

Arabic   **English**
Native   Proficient