

Kassem Diaa

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PROFESSIONAL SUMMARY

Highly motivated junior programmer proficient in C++, Python, JavaScript, and Object-Oriented Programming. I bring skills in Flutter mobile development for creating engaging, cross-platform applications, as well as experience with machine learning techniques for data-driven problem-solving.

SKILLS

- Programming Languages: C++, Python, Dart
- Frameworks & Libraries: Flutter
- Version Control: Git, GitHub

PROJECTS

Islamy Application

Islami is a all-in-one mobile application dedicated to providing easy access to essential Islamic resources.

Key Features :

- Holy Quran Access: Full list of Suras with verse counts and quick access to recently read sections.
- Hadith Library: Clear, accessible viewing of authentic Hadith collections.
- Quran Radio: Listen to the Holy Quran recited by multiple well-known Reciters (Qaris).
- Digital Sebha (Tasbeeh): An integrated counter for tracking daily Dhikr (remembrance).

Evently Application

Evently is a robust and stylish mobile application built for event management, discovery, and social networking. The app features a highly customizable, modern interface and is architecturally designed for scale and reliability, likely utilizing Flutter for cross-platform development and Firebase for its backend services.

Key Features :

- Map Integration: Visualize events on an interactive map for location-based discovery and precise location setting during event creation.
- User Authentication (Firebase): Secure Login and Registration using email/password or Google sign-in.
- Real-time Database (Firebase): Utilizes Firebase for storing event and user data, enabling real-time synchronization.
- Personalization: instant switching between Light and Dark Themes and support for Localization (English and Arabic).

News Application

A modern, customizable News App that aggregates articles from multiple international sources. It features a clean interface, robust search, and the ability to personalize the reading experience with flexible theming and language settings.

Key Features :

- API-Driven Content Aggregation: The app uses external News APIs to seamlessly pull and display articles from diverse international news sources (like ABC News, Axios, etc.), ensuring the feed is current and varied.
- Detailed Article Viewing: Allows users to view full articles, including source links, author credits, and embedded media (like video playback).
- Personalization: instant switching between Light and Dark Themes and support for Localization (English and Arabic).

Movies Application

This is a sleek, dark-themed mobile app for streaming and tracking movies. It allows users to discover content, save films to a Watch List, view their History, and manage their account via a dedicated Profile with personalized avatars.

Key Features :

- Movie/Video Streaming: Directly allows users to "Watch Now" and view movies in detail with a clear Play/Watch button.
- Watch List & History: Core functionality for tracking movies the user plans to watch (Watch List) and those they have already viewed (History).
- Real-time Database (Firebase): Utilizes Firebase for storing movies and user data, enabling real-time synchronization.
- User Profiles: Includes personalized user accounts to manage viewing lists, avatars, and profile details.

EDUCATION & CERTIFICATIONS