Elsaaed A

Flutter Developer, 2+ years experience
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Experienced Flutter developer with a knack for crafting cross-platform applications. Skilled in Dart programming and mobile app architecture. Proven track record of delivering high-performance and user-friendly solutions. Passionate about continuous learning and staying at the forefront of technology.

INDUSTRIES: Automotive, Consumer Goods and Services

TECHNICAL SKILLS

• Dart	2 years & 6 months
• Flutter	2 years & 6 months
• Firebase	2 years & 6 months
• Hive	2 years & 6 months
• MVVM	2 years & 6 months
• MVC	2 years & 6 months
• bloc	2 years & 6 months

SOFT SKILLS

Teamwork, Communication, Problem-solving, Time management

PROJECT DETAILS

• Car Rent App

Project Description: Presenting my latest technical endeavor, the Car Rental Showcase App, a robust Flutter-based mobile application that serves as a testament to advanced UI/UX design and cutting-edge development practices. This project represents a meticulous integration of Flutter's capabilities, combining a range of technical features to deliver a seamless and engaging user experience in the realm of car rentals. The foundation of this application lies in its Elegant User Interface, meticulously crafted for optimal user interaction. Employing Flutter's widget-based architecture, the UI ensures a modular and maintainable codebase, facilitating smooth navigation and a visually appealing design. The Smooth Animations feature is achieved through Flutter's animation framework. Leveraging implicit and explicit animations, the app delivers fluid transitions, enhancing user engagement and providing a polished feel to every interaction. To ensure a consistent experience across diverse devices, the Responsive Layout is implemented using Flutter's responsive design principles. Utilizing MediaQuery and LayoutBuilder widgets, the app dynamically adapts to different screen sizes and orientations, catering to a wide range of devices seamlessly. The Car Catalog, a showcase of high-quality car cards, is implemented using Flutter widgets for optimal performance. Each card incorporates the Flutter Image widget for efficient image rendering and customized widgets for displaying essential details and interactive buttons, ensuring a smooth and responsive user interface. User Profiles are managed through Flutter's state management solutions, ensuring efficient data flow and synchronization. The incorporation of Flutter's TextFormField and custom widgets enables users to create and personalize their profiles with avatars and relevant information.
Responsibilities: In the development of the Car Rental Showcase App, I assumed a multifaceted role encompassing both technical and design responsibilities. My primary focus was on crafting an Elegant User Interface that seamlessly blended modern aesthetics with an intuitive user experience. This involved extensive design iterations, wireframing, and prototyping to ensure a visually captivating and user-friendly interface. Animations were intricately integrated using Flutter's animation framework to provide smooth and engaging transitions throughout the app. Ensuring a consistent user experience across various devices was a paramount concern, leading to the implementation of a Responsive Layout. Leveraging Flutter's responsive design principles, I dynamically adapted the UI using MediaQuery and LayoutBuilder to accommodate different screen sizes and orientations. The Car Catalog feature, a visual centerpiece of the app, was meticulously developed using Flutter widgets to display a diverse array of car cards, each presenting high-quality images, essential details, and interactive buttons for a comprehensive user experience. The User Profile feature was implemented with a focus on personalization, utilizing Flutter's state management solutions for efficient data handling and synchronization. This allowed users to create and customize their profiles seamlessly. Additionally, I designed and implemented a streamlined Booking Simulation flow, guiding users through car selection, rental date choices, and reservation simulations using Flutter's navigation system and state management. The implementation of a robust Search Functionality incorporated Flutter's search bar widget and custom filtering mechanisms, providing users with an efficient means to explore cars based on their preferences. The 'Discover More' section showcased additional content fetched dynamically using Flutter's network handling capabilities, enhancing the user experience with real-time information on car rental deals and promotions. Throughout the development process, I maintained a keen focus on quality assurance, conducting comprehensive testing to identify and rectify any bugs, ensuring the app's stability and reliability. Collaboration with stakeholders, including designers and project managers, was integral to align technical implementations with project goals, and open communication channels were upheld to address feedback and iterate on design and functionality. In essence, my role in the Car Rental Showcase App project encapsulated a commitment to delivering a technologically advanced, visually appealing, and user-centric mobile application.
Technologies: Flutter and Firebase
Industry: Automotive

• Mhaltko App

Project Description: Introducing Mhaltko, a sophisticated mobile application engineered using a robust technology stack to redefine user experiences in the healthcare domain. Developed with Flutter, the app boasts a cross-platform framework, ensuring a seamless and consistent interface across various devices. Firebase serves as the backend infrastructure, offering real-time data synchronization and authentication, while Firestore facilitates efficient data storage and retrieval. The integration of Hive, a lightweight NoSQL database, enhances local data persistence, ensuring a responsive and efficient user experience. The app's architecture is grounded in the Model-View-ViewModel (MVVM) design pattern, promoting a scalable and modular codebase. Leveraging the Provider state management system, Mhaltko optimizes the flow of data and user interface updates, enhancing performance and responsiveness. This comprehensive technical foundation underscores Mhaltko's commitment to leveraging cutting-edge technologies for a secure, efficient, and user-centric healthcare application.

Responsibilities: In my role as a key contributor to the Mhaltko project, I undertook a variety of responsibilities to ensure the successful development and integration of advanced technologies. Primarily, I played a pivotal role in designing the application's architecture, adhering to the MVVM pattern to create a scalable and maintainable codebase. As a Flutter developer, my focus was on crafting a cross-platform, visually engaging user interface, employing various widgets and platform-specific features to ensure a cohesive experience on both iOS and Android. The integration of Firebase services was a significant aspect of my responsibilities. I established secure connections to leverage Firebase's real-time database capabilities for seamless data synchronization and authentication functionalities. Additionally, I implemented Firestore for efficient data storage and retrieval, optimizing database queries for enhanced performance. Local data persistence was managed through the integration of Hive, a lightweight NoSQL database. This involved designing and implementing database schemas and ensuring smooth data migrations for a responsive and offline-capable user experience. The implementation of state management using the Provider package was another crucial responsibility. This involved optimizing data flow within the application to ensure that UI components updated efficiently in response to changes in the app's state. A strong emphasis on code quality and documentation was maintained throughout the development process. I adhered to best practices, contributed to code reviews, and ensured that the codebase was well-documented, fostering collaboration among team members and facilitating future maintenance. Collaborating closely with cross-functional team members, including designers and backend developers, I engaged in regular communication to align technical implementations with project goals. This involved addressing feedback, discussing challenges, and iterating on features to enhance the overall functionality and user experience of the Mhaltko application. Through these responsibilities, I played a crucial role in the successful deployment of Mhaltko, a technologically advanced healthcare solution built on the Flutter framework and seamlessly integrated with Firebase and Hive technologies.

Technologies: Flutter, Firebase, firestore, hive,MVVM , Provider statemangment

Industry: Consumer Goods and Services

Link: https://play.google.com/store/apps/details?id=com.absai.Bqala_Go

EMPLOYMENT HISTORY

• Flutter Developer

Description: Collaborate with a dynamic team to craft and maintain cutting-edge Flutter applications for both iOS and Android platforms. With a focus on innovation and user-centric design, I thrive in leveraging my expertise to create seamless mobile experiences that exceed expectations. My role encompasses the entire development lifecycle, from conceptualization to deployment, ensuring robust and high-performing applications that resonate with users. Contribute to the development of the front end and the integration of the back end of the applications, using Flutter and Dart.

• Flutter Developer December-2023 - January-2024

ABS.AI

Description: I work with a talented and diverse team of developers, designers, and product managers, who share a common vision of building innovative and impactful products using artificial intelligence and machine learning. My responsibilities was: Contribute to the development of the front end and the integration of the back end of the applications, using Flutter and Dart. Support the testing, debugging, and deployment of the applications, ensuring that they meet the client' s requirements and expectations. Learning new technologies and best practices, and I am always eager to challenge myself and improve my skills. Value collaboration, creativity, and feedback, and I strive to bring positive and fresh perspectives to the team.

EDUCATION

• Bachelors degree in Computer Science from Nile University 2022 - 2026

LANGUAGES

• English - advanced

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