

Shahd Salah Abdelmaqsoud

Mobile App Developer · Flutter Developer

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Summary

Mobile App Developer and Flutter Developer with experience building scalable, responsive, and user-friendly mobile applications for Android and iOS platforms. Skilled in Flutter, Dart, Firebase, REST APIs, UI/UX implementation, troubleshooting, and mobile application development. Experienced in modern state management techniques including Provider, Cubit, and BLoC, with strong knowledge of layered architecture and clean code principles. Passionate about developing high-performance mobile solutions and continuously improving application usability, maintainability, and performance.

Education

Arab Open University
B.Sc. in Computer Science

2021 – 2025
Cairo, Egypt

Professional Experience

Mobile App Developer Trainee (DEPI Program)
Digital Egypt Pioneers Initiative

Mar 2025 – Present
Cairo, Egypt

- Developed production-ready cross-platform mobile applications using **Flutter** and **Dart**.
- Integrated **Firebase** and **REST APIs** to improve application functionality and real-time data synchronization.
- Applied layered architecture and state management using **Provider** and **Cubit** to improve maintainability and reduce code complexity by 30%.
- Improved UI responsiveness and troubleshooting processes to deliver smoother user experiences across Android and iOS devices.

Mobile App Developer Trainee (NTI Training)
National Telecommunication Institute

Jan 2026 – Feb 2026
Cairo, Egypt

- Built responsive mobile applications using Flutter with optimized UI/UX design principles.
- Implemented state management solutions using **Cubit** and **Provider** for efficient application performance.
- Integrated APIs and improved asynchronous data handling with structured error management and troubleshooting techniques.
- Collaborated within a development team to deliver mobile solutions and complete project milestones successfully.

Flutter Developer Intern
Route Academy

Oct 2024 – Mar 2025
Cairo, Egypt

- Developed multiple Flutter mobile applications during intensive hands-on training projects.
- Integrated **REST APIs** and **Firebase Authentication** and **Firestore** for secure and scalable mobile applications.
- Implemented responsive UI/UX interfaces following Material Design guidelines for Android and iOS platforms.
- Improved application performance and reduced rebuild issues using efficient state management approaches.

Projects

Riaaya App

github.com/sh3455/riaaya

- Developed a cross-platform health application using structured layered architecture (Data & Presentation).
- Integrated **Firebase Authentication** and **Firestore** for secure user management and real-time data handling.
- Implemented local storage using **Hive** to enable offline functionality and improve performance.
- Managed application state using **Provider** to ensure smooth and consistent UI updates.
- Improved offline data access speed by 40% using local caching with Hive.

News App

github.com/sh3455/NewsApp

- Built a news application that fetches and displays real-time articles using a REST API.
- Used **Dio** for handling HTTP requests, interceptors, and structured error responses.
- Managed loading, success, and error states using **Cubit**.
- Implemented dynamic theme switching (Dark & Light mode) to enhance user experience.
- Reduced loading time and improved API handling performance using Dio and Cubit state management.

Recipe App

github.com/sh3455/Recipe-App

- Developed a recipe discovery application with search functionality and detailed recipe views.
- Integrated REST API to fetch recipes, ingredients, and cooking steps in real time.
- Handled asynchronous data using **FutureBuilder** with proper loading and error handling.
- Designed a clean, responsive UI focused on usability and intuitive navigation.
- Enhanced user experience through responsive UI design and smooth navigation across different screen sizes.

Technical Skills

Mobile Development	Flutter, Dart, Android, iOS, Cross-platform Mobile Applications
State Management	Cubit, BLoC, Provider, setState
Backend & APIs	REST APIs, Dio, HTTP/HTTPS, JSON Parsing, Firebase Authentication, Firestore, Supabase, Push Notifications
Local Storage	Hive, Shared Preferences, SQLite
Architecture	Layered Architecture, Clean Code, OOP
UI/UX	Responsive Design, Material Design, Mobile UI Development
Languages	Dart, Java, Python, SQL
Tools	Git, GitHub, Android Studio, VS Code, Postman

Soft Skills

Problem-Solving · Teamwork · Communication Skills · Analytical Thinking · Attention to Detail · Time Management · Fast Learner

Languages

Arabic: Native **English:** Advanced