

Mahmoud Adel El-Araby

Flutter Developer

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Profile

Innovative and self-driven Flutter Developer with a passion for problem-solving and clean, efficient design. Skilled in cross-platform mobile application development, solution architecture, and end-to-end project planning from concept to delivery. Proficient in Flutter, Dart, SQL, NoSQL, and Firebase, with hands-on experience building scalable apps featuring authentication, real-time databases, and intuitive user interfaces.

Education

National Damietta Institute for Engineering and Technology	2019 - 2024
Bachelor in Communication and Electronics Engineering Grade: Very Good	
Mohamed El said Experimental School High School Diploma	2019

Skills

Programming Languages: Dart, Java, JavaScript, SQL

Frameworks & Tools: Flutter, Firebase, Node.js, Bootstrap, Android Studio, Visual Studio Code

Databases: Firebase Realtime Database, Firestore, NoSQL, SQL

Version Control: Git, GitHub

Methodologies & Soft Skills: Agile, Scrum, Problem Solving, Teamwork, Communication

Work Experience

Food Ordering App (Sept 2024 – Nov 2024)

Developed a cross-platform food ordering app using Flutter and Firebase, featuring a clean UI and real-time order tracking. Improved order management efficiency by 25% through optimized database design and responsive interface.

Projects

E-Comm App (Aug 2025)

Developed a full-stack e-commerce mobile app using Flutter, Node.js, and Google Fonts, improving UI consistency by 30%. Integrated Stripe API for secure checkout and tested over 100 transactions to ensure smooth payment handling.

Nova AI- 'AI Chat Assistant' (Jul 2025)

Built an AI-powered chat assistant using Flutter, Hive, and the OpenAI API, supporting multiple conversational modes. Designed custom personas with tailored prompts and avatars to enhance user engagement by 40%. Implemented session management, seamless navigation, and custom UI/UX components for an improved user experience.

Graduation Project - 'Vital Link' (Jan 2024 - Jul 2024)

Developed a mobile application for real-time patient vitals monitoring using Flutter and Firebase as part of the graduation project. Implemented real-time data synchronization and optimized performance, improving monitoring accuracy by 20%. Designed an intuitive dashboard for displaying heart rate, temperature, and oxygen levels.

LANGUAGES

- English (Fluent)
- Arabic (Native)