Andrew Ayad Wadie

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Cairo, Egypt

Mobile Application Engineer | Dart & Flutter

Mobile Application Engineer with over 5 years of hands-on experience building and scaling cross-platform apps using Flutter and Dart. Proven ability to solve complex technical problems, deliver high-performance applications, and adapt to fast-paced environments. Successfully led projects for both government and private sectors, overcoming diverse development challenges in UI/UX, architecture, performance, and integration.

Technical Skills

Programming & Frameworks:	Dart, Flutter Framework, Flutter Web & Desktop (nice to have), Native Android/iOS knowledge (basics helpful for platform channels).
Backend & APIs :	RESTful API integration, Firebase (Realtime DB, Firestore, Cloud Functions, Authentication, Push Notifications), SQLfLite.
State Management :	GetX, Provider, Bloc.
UI/UX & Tools :	Custom Widget Design, Responsive Layout, Animation and Transactions, Figma
DevOps & Tools :	Git, CI/CD Basics(Github Actions).
Architecture & Best Practices :	Clean Architecture, MVVM / MVC, SOLID Principles, Dependency Injection.
Mobile-Specific Skills :	App Store & Google Play deployment, Flutter Flavors, Background services / push notifications, Google Maps SDK, Geolocation, Flutter Web/Desktop for cross-platform, Testing(Unit, Widget, Integration Tests), AI integration (ChatGPT, ML Kit, etc.).
Soft Skills & Practices :	Agile/Scrum methodologies, Code Review & Collaboration, Time management & task estimation, Communication (with designers, PMs, clients).

Professional Experience

Noor Data Network — Sheikh Zayed, Giza, Egypt   **Nov 2022 – Present**
Mobile Application Engineer (Flutter)

- Spearheaded the development of scalable and user-centric Flutter applications serving thousands of users across multiple domains.
- Collaborated closely with product managers and UI/UX designers to align app functionality with business goals.
- Solved complex performance bottlenecks and implemented architectural improvements to ensure long-term maintainability.
- Led app deployments and maintenance cycles for live production environments on the Play Store.

  - **Noor App — Built a user-focused mobile application to allow customers to pay their internet bills, track and change their internet quota, and view active offers, Play Store Link**

- **Zabatnee — Designed using clean architecture and BLoC, this app allows users to reserve restaurants and activities, and pay for reservations seamlessly through the app, [Play Store Link](#)**
- **IPadel — A reservation app tailored for padel courts, enabling court booking and integrated payment functionalities.**

Wabcgroub, heliopolis, Cairo ,Egypt   Jan 2022 – Nov 2022
Mobile Application Engineer (Flutter)

- Developed critical mobile applications for the Saudi Ministry of Environment and Ministry of Agriculture, with advanced real-time data handling, geolocation services, and integration with governmental APIs.
- Tackled tight project timelines and stringent government standards through efficient code structuring, modular development, and proactive communication.
- Leveraged GetX for optimized state management and delivered apps with exceptional performance and minimal memory leaks.

- **Livestock App – Location-based livestock tracking and inspection management**
- **Environmental Reporting App – Citizen-driven issue reporting with media attachments**
- **Quality Management App – Real-time audit logging and reporting for inspections**
- **Arganzwina App – Custom e-commerce platform with integrated payments**

Innovation Agency, Doki, Giza ,Egypt   Feb 2021 – Jan 2022
Mobile Application Engineer (Flutter)

- Led full lifecycle mobile development, from requirement analysis and UI prototyping to testing and deployment.
- Delivered multiple production-grade apps integrating Firebase, real-time databases, cloud functions, and advanced SDKs such as Google ML Kit.
- Introduced modular code practices and integrated unit tests, enhancing the reliability and reusability of existing codebases.
- Handled customer communication directly, ensuring business needs were met and incorporated into mobile solutions.

- **Elamam Mady Abo Elazaym University App — Attendance, grade tracking, and push notifications**
- **Elmenofy App — e-commerce App, Real-time location tracking and personalized notifications**
- **Matrix Auction App — Dynamic auction bidding system with secure payment integration**

Fresh for Electric Appliances, Aubor, Egypt   2020 – 2021
- Team leader social media & online sales support

- Initiated and managed the digital transformation of the company's order processing and customer support system.
- Developed internal dashboards to streamline online order management and tracking using data-driven insights.
- Led a small team to improve online visibility and engagement across social media platforms, resulting in increased sales traffic.

Education

Bachelor of Computers and Informatics in Computer Science
Faculty of Computers and Informatics, Zagazig University – Egypt
Graduated: 2019 | GPA: Good
Graduation Project **:** Optical Mark Recognition – *Grade: Excellent*

Certifications & Training

Duration: 3 months (2020)
- Learned PHP, MySQL, front-end and back-end basics.

Languages

Arabic : Native
English : Professional Working Proficiency

Education

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