# Mai Abdalla Ahmed Mohammed

### **Professional Summary**

Results-driven Flutter Developer with 1+ years of experience in building high-performance cross-platform mobile applications using Flutter, Dart, and Firebase. Adept at implementing Clean Architecture, MVVM, and BLoC to deliver scalable, maintainable code. Strong expertise in RESTful API integration, and performance optimization. Proven ability to collaborate with cross-functional teams to translate business requirements into technical solutions. Passionate about continuous learning and contributing to innovative projects in dynamic environments.

### **Technical Skills**

- Languages & Frameworks: Dart, Flutter
- Architecture & Patterns: MVVM, Clean Architecture, BLoC, Dependency Injection
- Backend Integration: RESTful APIs, Firebase, Third-Party SDKs
- UI/UX: Responsive Design, Material Design, Custom Widgets, Animations
- Tools & Platforms: GitHub, VS Code, Android Studio, Figma
- Testing & Debugging: Performance Optimization, Debugging
- Soft Skills: Problem-Solving, Effective Communication, Team Collaboration, Adaptability.

### **Professional Experience**

Flutter Developer

Morph | Remote (Part-Time) | Saudi Arabia | Mar 2024 – Mar 2025

- Develop and maintain cross-platform mobile apps using Flutter, ensuring optimal performance for iOS & Android.
- Apply Clean Architecture & MVVM to build scalable, maintainable codebases.
- Design intuitive UIs with responsive layouts to enhance user experience.
- Collaborate with designers and product managers to align technical execution with business goals.
- Integrate RESTful APIs for seamless data flow and functionality.
- Conduct code reviews to enforce best practices and improve code quality.

Freelance Flutter Developer | Nov 2023 – Present

• Deliver custom Flutter solutions for clients, from requirement analysis to deployment.

- Develop high-performance apps with Clean Architecture & MVVM, ensuring long-term maintainability.
- Integrate third-party APIs for extended functionality (e.g., maps]).
- Optimize app performance through debugging and efficient state management.
- Create technical documentation for APIs, codebases, and project workflows.

### Education

Bachelor of Computer Science
University of Khartoum, Sudan | Nov 2014 – Dec 2021

Graduated with Second Class Honors (Upper Division)

## **Key Projects**

Magic Delivery (Oman) | In Progress

- Logistics platform connecting merchants & delivery agents for optimized operations.
- Features: Delivery request system, Al-based agent assignment, multi-language support (Arabic/English).

Waseet (Saudi Arabia) | 🔗

- Real estate app linking licensed brokers & clients with advanced filtering.
- Contributions: Broker alliances, property listings, ad management enhancements.

YourSurvey (UAE) | Business Data Collection Tool

- Prevented data duplication via GPS-mapped business activity tracking.
- Enabled real-time commercial data analysis for decision-making.

GasLocator (Sudan) | Graduation Project

- Platform for gas station management & citizen reservations.
- Features: Inventory tracking, advance booking, multi-language support (Arabic/English).

### Languages

- Arabic (Native)
- English (Intermediate)