

AMR RIZKALLAH

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FLUTTER DEVELOPER

Flutter Developer with 4 years of experience designing and developing enterprise-grade mobile applications using Flutter for Cross platform applications. Experienced in building scalable business solutions, integrating RESTful APIs, implementing secure authentication, AI-powered features, and real-time data visualization. Proven track record as the primary engineer responsible for delivering 22+ enterprise modules across multiple business solutions. Passionate about creating high-performance, user-centric mobile applications using modern software engineering practices.

- RESTful API Integration · State Management · AI-Powered Mobile Features · Google Firebase / Cloud Firestore
- Secure Authentication · real-time push notifications · speech-to-text · Performance Optimization
- Native iOS Integration / Method Channels · Local Storage & Data Caching · Containerization / Docker

Languages: Dart, Java, JavaScript, Swift

Web: HTML, CSS, NodeJS

Web Services: RESTFUL

Frameworks: Flutter, SwiftUI, UIKit

Databases: MySQL, MongoDB

Cloud & DevOps: Firebase, Cloud Firestore, Docker

Design Patterns: Observer, Repository, Factory, Singleton, MVC, MVVM

SDLC: Agile, Waterfall

Tools: Docker, Figma, Github, Jira

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

PROFESSIONAL EXPERIENCE

LEADVISION AI ENTERPRISE SOLUTIONS, Perth, Australia (Remote) · 01/2023 – 05/2025

LeadVision is an AI-native enterprise platform company that helps governments and regulated industries unify strategy, operations, governance, and execution through secure, AI-powered digital transformation solutions.

Flutter Developer

Served as the primary Mobile Software Engineer responsible for architecting, developing, and integrating 22+ enterprise modules across 4 core business solutions within TransformIQ, LeadVision's AI-native enterprise platform.

- Designed and built a File Management Module from scratch, implementing folder creation, deletion, hierarchical navigation, and secure in-app viewing of PDF, DOCX, XLSX, and image files, eliminating external applications while improving security and user experience.
- Developed the MIRO AI chatbot with speech-to-text, text-to-speech, real-time analytics, and predictive insights, enabling users to navigate across 22+ enterprise modules using natural language. This reduced deep-search and navigation time by approximately 60% compared to manual system navigation.
- Implemented push notifications and in-app notifications for real-time alerts and improved user engagement.
- Integrated Face ID and fingerprint authentication to enhance security and streamline user access.
- Built the Contract Management module, enabling managers to track, monitor, evaluate, and approve contracts with e-signature capabilities.
- Developed the Minutes Tracking system for scheduling meetings, detecting conflicts, and maintaining digital records, which eliminated paper-based workflows and cut missed meetings to under 5%.
- Contributed to the IRI (Innovation & Research Intelligence) module, enabling universities and research organizations to manage research initiatives, monitor researchers, evaluate projects, collect survey data, and track innovation through structured workflows.
- Enhanced the IOI Executive Dashboard with executive analytics, KPIs, and interactive visualizations, enabling C-level executives to make data-driven decisions.
- Developed the Finance Tracking module, including dashboards, invoice management, payment history, financial reporting, and budget tracking, providing managers full visibility into financial performance.
- Responsible for developing and maintaining the mobile application, while actively engaging with stakeholders and business designers to align features with business goals.

Technologies Used: *Flutter, Firebase, Bloc / Cubit, Provider, Azure, Figma.*

RECPEEP, Wyoming, USA (Remote) · 01/2022 – 12/2022

RecPeeP is building the right environment for talent acquisition specialists to thrive and focus on assessing the right calibers for their employers without suffering from side challenges.

Flutter Developer

Developing the mobile application, gathering project requirements from business designers and stakeholders, and leading meetings to train customers on new features.

- Built a recruitment-focused platform that streamlined hiring workflows and improved candidate matching for recruitment agencies and HR teams.
- Integrated RESTful APIs to support real-time data synchronization and communication with backend services.
- Designed reusable UI components and followed Apple's Human Interface Guidelines to ensure a consistent user experience.
- Developed and maintained native iOS features using Swift/SwiftUI, integrating them into Flutter applications through Flutter Method Channels to access platform-specific capabilities and deliver responsive, user-friendly interfaces.
- Optimized application performance, responsiveness, and usability across different iPhone devices and iOS versions.
- Collaborated with cross-functional teams to translate business requirements into scalable mobile solutions.
- Participated in debugging, testing, and resolving application issues to improve stability and reliability.

Technologies Used: *Flutter, Cloud Firestore, Provider, Jira, Adobe XD.*

INDEPENDENT CONTRACTOR EXPERIENCE

Freelancer.com, Alexandria, Egypt · 08/2021 – 01/2022

Flutter Developer

- Industrial Measurement Application: Developed a Flutter application for oil manufacturing operations to replace paper-based equipment measurements, enabling workers to record power, energy, and water readings, convert units, and submit reports to team leads. Integrated Firebase/Cloud Firestore with hardware-connected systems to retrieve equipment locations and operational status in real time.
- Restaurant Delivery Application: Developed a food delivery mobile application to help a restaurant expand its customer reach and increase revenue. Integrated Google Maps APIs and real-time services to provide location-based delivery tracking and identify efficient routes between pickup and delivery locations.
- Clothing E-Commerce Application: Built a full-stack Flutter mobile application for a clothing retailer using Firebase for backend services and data management. Implemented pagination, local storage, and caching to reduce unnecessary API requests, improve data retrieval efficiency, and provide a faster in-app experience.

Technologies Used: *Flutter, Provider, Bloc, Google Firebase, Cloud Firestore, Figma.*

ACADEMIC PROJECTS

Maharishi International University (2026)

Car ShareX: Developed a full-stack car rental platform enabling customers to search, verify, and book vehicles while allowing suppliers to manage rental requests and bookings. Implemented a React frontend, Spring Boot REST API, MySQL database, Dockerized deployment on Oracle Cloud, and CI/CD with GitHub Actions. Utilized Java, Spring Boot, System Architecture, Containerization, React.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 10/2028)

Maharishi International University, Fairfield, Iowa

Key Courses: *Software Engineering, Algorithms, Web Application Programming, Modern Web Applications*

Bachelor of Science in Software Industry and Multimedia

Alexandria University, Alexandria, Alexandria (06/2023)