

Ahmed Adel Fathy *Software Engineer [Flutter Developer]*

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📍 Cairo, Egypt

📅 1999/09/09

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👤 Male

🛡️ Exempted

Profile

Highly accomplished Flutter/DART Mobile Developer with a remarkable track record exceeding 3 years in successfully delivering top-notch mobile applications. Proficient in developing cutting-edge, user-centric solutions, integrating ground-breaking features, and upholding software quality benchmarks. Demonstrates exceptional aptitude in collaborating seamlessly with cross-functional teams while exhibiting proficiency in a diverse range of contemporary development methodologies.

Professional Experience

2022 – present
Cairo, Egypt

Flutter Developer

Metla

SEA Hajj Application

- Solely responsible for the complete mobile app development process of the SEA Hajj App, collaborating with a backend team for API integration.
- Developed a comprehensive solution for SEA Hajj Company, Saudi Arabia, aimed at enhancing the Hajj pilgrimage experience through essential services.
- Implemented critical features including:
 - Emergency Reporting System: Developed features for reporting emergencies like hospital needs, lost individuals, ambulance requests, and death reports. Integrated functionalities for sending attachments and real-time location data with reports.
 - Location Integration: Implemented accurate location tracking to facilitate emergency services and enhance the efficiency of response teams.
 - QR Code Scanning: Enabled accurate retrieval of personal data of Hajjs through QR code scanning, streamlining information access.
 - Dashboard Monitoring: Designed dashboards with user-specific roles to monitor report statuses, enhancing administrative oversight.
 - User Roles and Security: Established robust user role-based authentication and authorization systems, ensuring secure access controls.
 - Notifications and Filtering: Integrated advanced notification systems and filtering options to improve user experience and data management.
- Successfully launched the application on Google Play Store and App Store, receiving excellent feedback for its user-centric design and functionality.

Google Play [🔗](#)

App Store [🔗](#)

Current Project: MASHARIQ App - Flutter Developer

- Spearheading the development of the MASHARIQ App, a comprehensive internal system application, in collaboration with a backend team for API integration.
- Pioneered the integration of an advanced attendance system within the app, enhancing operational efficiency for the company.
- Key features and responsibilities include:
 - Attendance System Development: Implementing check-in, check-out, and emergency leave request functionalities. Ensuring precise location verification for attendance accuracy based on office location and registered shifts.

- Admin Functions: Developing capabilities to add, edit, or delete office locations and shifts, including the integration of latitude and longitude information for each location.
- Attendance Review and Filtering: Creating endpoints to retrieve all user attendance records with functionality to filter these records by user or date.
- Emergency Leave Management: Establishing endpoints for the approval or denial of emergency leave requests.
- User Authentication and Authorization: Implementing robust security measures for user access control.
- Dashboard and Reporting: Designing a comprehensive dashboard and report export features for effective monitoring and management.
- Actively involved in the ongoing development cycle, contributing to innovative solutions and user-centric design for enhanced operational functionality.
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Freelance Flutter Developer - Nuzul App

- Undertook a key freelance project to adapt and enhance the Nuzul application for iOS platforms.
- Key responsibilities and achievements included:
 - iOS Version Extraction: Successfully extracted and optimized the iOS version of the application, ensuring compatibility and smooth performance on Apple devices.
 - Issue Resolution: Identified and fixed critical issues, enhancing app stability and user experience.
 - App Store Deployment: Assisted in the deployment process, navigating the App Store's guidelines and requirements to ensure a successful launch.
 - Contributed significantly to the improved functionality and market presence of the app, showcasing skills in cross-platform development and deployment.

2021/05 – 2022/06
Cairo, Egypt

Team Leader, Flutter Developer

Zmap

- Led a team to develop an all-encompassing travel application for Zmap, a map company based in Cairo, as part of a graduation project.
- Oversaw the creation of a dynamic website and a comprehensive representative system using Odoo open source, along with the development of a mobile application using Flutter.

- Implemented Agile methodologies to ensure efficient and adaptable project development.
- Developed a versatile travel application that served as a one-stop solution for travelers, offering features like:
- Travel Booking: Enabled users to book hotels, activities, buses, and pre-organized trips through a single platform.
- Trip Customization and Sharing: Facilitated users in creating and sharing their customized trip itineraries.
- User Reviews: Integrated a review system to allow users to share their experiences and feedback.
- Successfully delivered a project that received excellent feedback for its innovative approach and user-friendly design, demonstrating effective project management and development skills.

Education

2018 – 2022
Egypt

Bachelor's degree, Computer Science
Obour Institutes

Skills

- Experience in agile development methodologies and tools.
- Strong analytical and problem-solving skills.
- Ability to work independently and within a team.
- API Integration: Skilled at integrating RESTful APIs and third-party services to extend application.
- Agile and Scrum Methodologies
- Experience in code reviews, debugging, and troubleshooting.
- Excellent communication and teamwork skills.
- Ability to meet deadlines and deliver high-quality work.
- Git, GitHub
- Project Management and Team Leadership

Languages

- Arabic
- English

References

References are available upon request.