Abdullah Rafat Sayed Mohammed

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Objectives

Mid-Level Flutter Developer with 3 years of hands-on experience in developing, maintaining, and optimizing cross-platform mobile applications using Flutter & Dart.

Work Experience

Flutter Developer

ZAD Solutions* | *01/2025 – To Present

- Developed an employee attendance app with geo-location tracking, integrated with Odoo backend for attendance , payroll, loan, complaints, and implemented multi-language support, dark mode, and employee profiles.
- **Sewedy App Industry**: Built an internal HR self-service app for El Sewedy Industries — GPS-geofenced attendance, leave/permission requests, payroll statements, and org chart — with full English/Arabic (RTL) support. *2025 – Currently being worked on.*
- **Aman**: Developed a humanitarian Flutter & Firebase platform of 5 connected apps — Aman member, Super Admin, and Organization apps plus Super Admin and Organization dashboards — offering community groups, real-time chat, psychological-support appointments, and legal-rights resources, with full multi-language and RTL support.

Arab DT 2024 – 2025

- Developed and maintained Flutter mobile applications, collaborated with cross-functional teams •Ensured app performance and quality, Identified and fixed bugs.

Flutter Instructor

MASA Academy 2024
– Present

- Designed practical projects to enhance learning and application of Flutter & Dart.
- Provided mentorship and guidance to students, helping them build real-world mobile applications.

Education

Bachelor of Computer Science, Modern Academy university, 2019 - 2023

Department: Computer Science **Grade:** very Good - **GPA**: 3.6

Graduation Project: "Blind Assistant Glasses" **Grade Project : A+**

Projects

Flutter Project "Social App with Firebase" Developed a social networking application using Firebase as the backend infrastructure. Implemented user authentication, real-time messaging, and social sharing feature.

Freelance Flutter Project "Job Filter with backend Node.js" Developed a job search application with advanced Developed filtering options.

Flutter Project "Shop App With backend, API, Postman Tools" Created a comprehensive e-commerce application use API integration and Postman tools for testing.

Flutter Project "News App With API" Integrated features such as categorization, search, and personalized news feeds for an enhanced user experience. Optimized performance for a smooth news Web View.

Developed Blind Assistant Glasses integrating machine learning algorithms and Rasp Pi 4 microprocessor, task: connecting 4 feature Face, Currency, Object Recognition by Speech Recognition, and Voice command.

Training and Workshop

- **On-the-job training - at WE Company-Machine Learning (30 hrs.)** **August 2022 – September 2022**
- **On-the-job training - at Egyptian Board Academy Company (30 hrs.)** **February 2021 – Mars 2021**
- **IEEE Boot Camp (5 days)** Built **"Track the Sun,"** an RC car via smartphone. **September 2020**
- **IEEE Boot Camp (5 days)** Built **"Embedded Infinity War,"** an AVR ATmega32 **September 2021**
- **IEEE Boot Camp (5 days)** Built a **smart home ecosystem** via a smartphone. **September 2022**

Skills

Flutter & Dart | Embedded C | Arduino | Python | Java | MySQL | SQL Server | Git | GitHub

Courses

- The Complete 2022 Flutter & Dart Development Course -Udemy Abdullah Mansour - August 2021
- Flutter Advanced Course Bloc and MVVM Pattern - Tharawal Samy August 2023
- Clean Architecture In Flutter 3 (Arabic) - Ismail Elmogy

Extra-curricular activities

- **Led the Mobile Team for Enactus Modern Academy Formula Students in 2021,** contributing to app development and strategic decision-making to support organizational objective**.**