

# MAFDY SAAD

**Flutter Developer | Cross-Platform Mobile & Web Apps | Firebase | REST APIs**

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## PROFESSIONAL SUMMARY

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Flutter Developer with 2 years of hands-on experience building scalable mobile and web applications using Flutter and Dart. Experienced in Cubit & MVVM architecture, REST API integration, and Firebase services. Strong focus on clean code, performance optimization, and responsive UI/UX. Proven ability to collaborate with backend and QA teams to deliver production-ready applications.

## WORK EXPERIENCE

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### Flutter Developer

Bnesim ,Dubai,UAE

**January 2022 – January 2024**

Built and sustained a core app using Flutter for 10,000+ users in 200+ countries with BNESIM. App Performance Optimization: 15% decrease in crash occurrences. Integrated REST APIs for online eSIM activation with 5,000+ transactions per day.

#### Key Contributions:

- Followed structured workflows similar to **Agile development environments**
- Improved problem-solving and logical thinking applicable to debugging and feature development
- Maintained documentation and task tracking aligned with software project practices
- Collaborated with team members under deadlines, strengthening teamwork and accountability

### Flutter Developer

**September 2022 – September 2023**

Engineering Authority of the Armed Forces, Cairo, Egypt Designed and developed Flutter applications for Engineering Authority to provide real-time update functionality for 500+ internal users. Collaborated with the backend to implement Web Socket. Achieved 40% less delay in data synchronization Key

#### Responsibilities & Achievements:

- Developed **cross-platform mobile applications** using Flutter and Dart
- Built responsive UI screens based on provided designs and system requirements
- Worked with **local databases** and basic backend integration concepts
- Followed strict workflows, documentation standards, and coding guidelines
- Collaborated with team members to deliver features under defined timelines
- Enhanced problem-solving skills and debugging abilities in production-like environments

### Flutter Developer

Huma Volve ,Cairo,Egypt

Worked on Flutter projects such as Doctor Booking app, managing more than 200 bookings in a day and enhancing the response of features by 25%.

Functioned in a cross-functional team to develop 3 complete modules for the applications in 2 months.**Key Achievements:**

- Developed and maintained **multiple Flutter screens and reusable UI components**
- Implemented **Cubit state management** with MVVM architecture
- Integrated **RESTful APIs using Dio** and handled data models and error states
- Used **Firebase Authentication & Firestore** for user management and real-time data
- Collaborated with backend developers and QA testers to debug and optimize features

## EDUCATION

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**Bachelor's in Computer Science – The Egyptian E-learning, Cairo, Egypt – 2021**

## SKILLS

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- **Technical Skills:** Flutter & Dart, State Management, Firebase, RESTful API Integration, SQL & PHP Basics, Git & GitHub
- **Soft Skills:** Problem-Solving, Teamwork & Collaboration, Time Management, Communication Design & Development
- **Skills:** Responsive UI/UX Design, Wire framing & Prototyping ( Figma )

## LANGUAGES

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- **English** - Proficient
- **Arabic** - Native

## PROJECTS

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- **CURE**

A healthcare mobile app that allows users to find nearby doctors, book appointments, chat with doctors inside the app, and complete payments securely

- **Personal Portfolio Website**

A fully responsive portfolio website built from scratch using Flutter Web. It showcases my projects, skills, and experience with a clean UI/UX design.

- **Berry Cart App**

An online shopping app where users can browse products, purchase with secure online payment, and track their orders in real time

- **Book Hive App**

Book Hive is a book discovery app that allows users to search by title, author. Users can explore detailed book information and preview content, making it easy to find and browse books of interest.

- **X -YouTube**

A Flutter-based mobile app that fetches and plays YouTube videos using APIs, showcasing skills in Flutter development, API integration, and state management.

## CERTIFICATIONS

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- IOT Fundamentals from Cisco
- Internet of Things and Artificial Intelligence from NTI
- HCIA-AI Course from HUAWEI