MAFDY SAAD IBRAHIM

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SKILLS _____

- OOP (Java / C++) | RESTful APIs | Design Pattern | MVVM | MVC | Clean Architecture | Clean Code | Git | Solid Principles
  Dart | Bloc Pattern | HTML, CSS3 | Python
- Problem Solving | Flutter Development | CI/CD | Unit Testing | UI/UX | State Management | Teaching and Instruction | Deployment
- Testing and Debugging | Firebase | Communication Skills | Data Structures | agile development | methodologies Communication (written
  and verbal) | Teamwork | Customer service | English

EDUCATION _____

Bachelor of Computer science	Faculty of Computer and Information	*Egypt*	2018 - 2021

WORK EXPERIENCE _____

Topline - Cairo, Egypt
- Fostered strong client relationships by actively collaborating to deeply understand their unique requirements, enabling the delivery of highly customized solutions that precisely met their specific needs and exceeded their expectations
- Maintained effective communication channels with clients, ensuring a thorough understanding of project requirements, leading to the successful delivery
  of projects within agreed upon timeframes and budgets, thus ensuring client satisfaction
- Leveraged a diverse range of cutting edge technologies and programming languages to meticulously craft mobile applications that consistently demonstrated optimal performance, superior functionality, and seamless user experiences.
  04/2022 – 05/2023   **Cairo**

Machine Learning Trainee
  National Telecommunication Institute (NTI)
  10/2021 – 01/2022   **Cairo**

Summer Training of College (Android)
  Information Technology Institute (ITI)
  02/2020   **Asiut**

Flutter Developer
  Freelancer
  01/2021 - present

PROJECTS _____

- **Ecommerce App :** Develop and maintain ecommerce App, including product catalog, payment gateway integration and **RESTful API**
- **Note App :** This Flutter Note App, utilizing SQLite for local data storage, provides users with a comprehensive tool for creating, managing, and organizing notes efficiently
- **Chat App :** Real-Time Chat Application with Integrated Database and Notification System (Firebase)
- **Weather App :** weather app provides users with real-time weather data, forecasts, and alerts, leveraging a reliable weather API to deliver accurate and up-to-date information.
- **Responsive dashboard :** This Responsive and Adaptive App UI, developed with Flutter, delivers a versatile and user-friendly experience leveraging responsive design principles and adaptive widgets, catering to a wide range of devices and user preferences.

VOLUNTEER EXPERIENCE _____

- Gives some Technical workshops in collaboration with university families in Assiut University
- Solved +2000 problems in different online judges like (Code chef - Code forces - Hacker rank) The problems given a strong knowledge of different topics especially (Data Structures, Algorithms, and Mathematics).

Workshops & Professional Development _____

- **FlutterFlow Workshop – FlutterFlow Team –** *Dubai*
  Participated in a hands-on session to build UI and backend logic with no-code tools, focusing on rapid prototyping and real-world applications.
- **Flutter Community Meetup – Dubai**
  Hosted by Flutter Abu Dhabi & Dubai in collaboration with Code magic
  Attended expert talks and live sessions covering best practices in Flutter development, performance optimization, and CI/CD with Code magic.
  "It was a great day for me being part of this inspiring event and connecting with the amazing Flutter community."
- **Snap AR Hands-on Workshop –** *Hosted by Snap Inc., Dubai*
  Participated in a creative, hands-on session focused on building augmented reality experiences using Snap Lens Studio.
  Explored concepts such as 3D object tracking, face filters, and interactive AR design, gaining insights into how AR can enhance mobile applications and user engagement.

Technical Online Training _____

- **Dart**
- **Fundamentals of Flutter**
- **Flutter With Firebase**
- **State Management (Provider – Getx – Bloc)**
- **SQL**
- **SQFLITE**
- **PHP (REST API) WITH FLUTTER**
- **Payment integration (Stripe – PayPal & More)**