MAHMUD MAZEN TARRAF

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SUMMARY

A highly motivated and results-driven software developer with a Bachelor's degree in Informatics Engineering from Latakia University. Skilled in building robust and scalable mobile applications using **Flutter** and **Dart**, with a strong understanding of backend technologies like **Django** and **Django REST Framework**. Experienced in real-time communication integration using **WebSockets** and **Django Channels**, as well as efficient API integration for seamless user experiences. Passionate about creating engaging and user-friendly interfaces with **UI/UX design** principles. I am committed to advancing my technical skills and contributing to impactful projects in the software development field.

EXPERIENCE

Flutter Mobile Developer Intern

Focal X agency   **August 2024 - January 2025, LATAKIA**

· Integrated complex application logic with a seamless user interface using **Flutter**, aligning with API requirements and enhancing application stability by 50%.
· Engineered efficient **RESTful API** integration for Flutter applications, achieving a 40% reduction in data retrieval time and optimizing overall app performance.
· Collaborated in the development of a real-world food delivery application, similar to Talabat, delivering a functional and user-centric product within a 3-month timeframe.
· Conducted debugging and performance testing to identify and resolve critical issues, ensuring smooth application functionality and an improved user experience.
· Optimized application workflows to meet client requirements, contributing to a more reliable and scalable software solution.

PROJECTS

CHESS LEAGUE

Focal X agency · github.com/MahmoudTarraf/Chess-League/tree/master · October 2024 -January 2025

· **Engineered** a **Chess League App** using **Flutter** for the frontend and **Django** for the backend, enabling real-time multiplayer functionality for an estimated 500+ potential users.
· **Integrated** real-time communication through **Django Channels** and **WebSockets**, reducing latency to ensure seamless gameplay between players.
· **Developed** a robust **BoardController** to handle complex chess logic, validate 100% of moves, and implement advanced features like **castling**.

EDUCATION

Bachelor's Degree in Informatics Engineering

Minor in Flutter development · Latakia University · Latakia, Syria · 2025 · 3.0

COURSEWORK

The Complete Flutter Development Guide by Maximilian Schwarzmüller

Online · 2022

SKILLS

Technical Skills
· **Mobile Application Development:** Expertise in **Flutter** and **Dart** for creating responsive and interactive mobile apps.
· **Backend Development:** Proficient in **Django**, **Django REST Framework**, and real-time communication with **Django Channels** and **WebSockets**.
· **API Integration:** Skilled in integrating **REST APIs,** WebSockets, and third-party services.
· **State Management:** Advanced experience with **Provider**, **GetX**, and **BLoC** for managing application state.
· **Version Control:** Proficient in **Git** with experience using **GitHub** for collaborative development.
· **Firebase:** Experienced in Firebase for real-time databases, authentication, and cloud functions.
Soft Skills
· Strong problem-solving and debugging skills.
· Effective communication and collaboration in Agile teams.
· Detail-oriented with a focus on delivering high-quality solutions.

Recommendation Letter

To whom it may concern,

I am writing to recommend **Mahmoud Tarraf**
He successfully completed a four-months training program
in App Development | Flutter Lvl.2 from August 2024 to January 2025.

Mahmoud is a motivated individual with a passion for Flutter.
He demonstrated exceptional creativity, attention to detail, technical
expertise, teamwork, and adaptability during the program.

Mahmoud would be a valuable asset to your company.
He has the skills and work ethic to thrive in Flutter.
I highly recommend him for employment and encourage you to consider
his application.

Please feel free to contact me if you require further information about
Mahmoud's qualifications and performance.

Thank You,

Alaa Darwish
Founder & CEO

Date: 15/02/2025

INTERNSHIP CERTIFICATE

focal X

This is to certify that

Mahmoud Tarraf

successfully completed four months internship program
and received passing grades for certificate in

App Development | Flutter Lvl.2

a program offered by focal X (L.L.C).

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Issued 2024-July
VALID CERTIFICATE ID
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Alaa Darwish
Founder & CEO