Hussein Al-Haj Ali

SOFTWARE ENGINEER | FLUTTER APPLICATIONS DEVELOPER

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Summary

Proactive Software and Information Systems Engineer with more than 3 years of experience in Flutter development across multiple platforms, supported by a solid foundation in Android Java development. Demonstrated success in leading teams, improving workflows, and delivering user-centric applications on mobile, desktop, and web platforms. Strong problem-solving skills combined with a robust engineering background. Experienced in freelance consulting, crafting customized software solutions.

Experience

TAD Center | Flutter Developer – Flutter Team Leader | Hybrid   February 2024 – Present

Flutter Team Leader   August 2024 – Present

- Led a team of Flutter developers from concept through delivery, ensuring high-quality standards.
- Trained junior developers in software design, testing, and maintenance best practices.
- Improved workflow efficiency by implementing project management methodologies.
- Collaborated with cross-functional teams for seamless system integration.

Flutter Developer   February 2024 – August 2024

- Developed cross-platform applications for Android and iOS using Flutter, with a focus on performance and user experience.
- Worked with UI/UX and backend teams to integrate user-centered features.
- Optimized app performance through debugging and troubleshooting.

Al-Matin Group | Software Engineer – Flutter Developer | Homs onsite Full-Time   August 2022 – August 2024

- Designed and developed internal systems with **Flutter**, enhancing productivity across departments.
- Led cross-platform app projects, including production and cost-calculation tools, providing real-time operational insights.
- Collaborated with stakeholders to translate business needs into technical solutions; mentored junior developers.
- Implemented **Odoo ERP** for automating HR, inventory, and finance processes.

Golden-Soft | Software Engineer – Flutter Developer | Remotely Full-Time   June 2023 – November 2023

- Developed feature-rich, cross-platform mobile applications using **Flutter**, collaborating with a globally distributed team.
- Focused on user-centered features, including payment gateways, chat systems, and location-based services, ensuring high usability and performance.
- Employed **Agile methodology**, actively participating in sprint planning and standups for efficient, iterative development.
- Solved complex technical challenges, including API integrations and front-end optimizations to enhance app stability and performance.
- Collaborated closely with clients to refine requirements, gather feedback, and adapt solutions to meet their needs.

Freelance Software Developer   2019 – Present

- Delivered full-cycle mobile and web app development for clients, focusing on scalable, user-friendly solutions using **Flutter**, **Java**, and **C++**.
- Built a wide range of applications, from small utilities to enterprise-level systems, providing cross-platform solutions for mobile, desktop and web.
- Solved complex technical challenges, including bug fixes, performance optimizations, and UI/UX improvements to enhance user experience.
- Provided one-on-one tutoring in **Java** and **C++** for students and professionals, strengthening their software development skills.
- Collaborated with international clients to define project goals, create roadmaps, and ensure timely delivery of custom solutions.

Education

Al-Baath University, Bachelors of Engineering in Informatics Technology Engineering   2021

Major in Software Engineering and Information Systems

Skills

Software:
- **Platforms:** Microsoft Windows (all versions, Windows Server), Linux (Fedora, Ubuntu, Kubuntu)
- **Development Tools**: Android Studio, Microsoft Visual Studio, SQL Server, VMware, MATLAB, Git
- **Enterprise Resource Planning (ERP):** Odoo

Programming Languages: Java, Dart, C++, C, Python
Applications Development: **Android** (Java), **Cross Platform android, ios, desktop, web** (Flutter), Firebase
Web Development: Wordpress, HTML, CSS, JavaScript, PHP, JSON, XML
Database Management: MySQL, Oracle, SQL Server
Design: UML, SDLC, Design Patterns.
Network & Systems: Analyze Business Requirements, Design and Implement the Infrastructure for Business Solution
Soft Skills: Team Collaboration, Effective Communication, Problem Solving, Adaptability, Attention to Detail, Leadership, Time Management, Creativity, Critical Thinking, Multitasking

Projects

Electric Devices (Android)
An application was developed for controlling devices via Bluetooth, Wi-Fi, and the internet, featuring encrypted access keys and access sharing to enhance security. Designed for compatibility with client-company per-programmed devices, it provides ease of use for customers during tasks.

Sections (Android, IOS)
An application was created for organizations to track employee performance and document life-cycle, incorporating digital signatures, access permissions, and automated notifications. This solution enables companies to monitor workflow and effectively improve the management of official documents.

Qundos (Android, IOS)
A platform was developed to connect customers with maintenance technicians based on location, payment options, and secure communications, highlighting expertise in location services and data security.

School Application (Android, IOS)
An application was designed to support school operations, focusing on managing student data and organizing competitions, with customized features to meet educational needs.

Best Coach (Android, IOS)
A user interface was designed for a gym self-training application that guides users from beginner to advanced levels, including a marketplace for sports equipment, with an emphasis on a Flutter interface to enhance user experience.

Al-Matin Application (Android)
A human resources management application was developed for the Al-Matin Group to facilitate the management of employee leaves, evaluations, and notifications. Flutter was utilized to streamline operations and increase productivity.

Al-Matin Production System (Android, Desktop, Web)
A cross-platform application was created to enhance production efficiency and reporting, featuring real-time tracking and daily reporting across departments, utilizing Flutter for data handling.

Al-Matin Cost Calculations and Statistics (Android, Desktop, Web)
A cost analysis tool was developed with complex algorithms to monitor sales and production in real-time, enhancing financial transparency through Flutter and statistical modeling.

In college I developed a strong experience in Java development, particularly in creating Android applications using libraries like OpenCV for image analysis. My college projects include **AIODA**, an Android app that implements AI algorithms for object detection, and **DMA**, a digital medical assistant app that identifies potential diseases based on user input. Additionally, I developed **My Univ**, a website for archiving lecture materials at Al-Baath University.

Achievements & Awards:

One of the seat winners in the list of projects incubated by the university for the application of DMA in 2019.

Language:

- Arabic (Mother tongue).
- English (B2 Oxford Online Placement test)

Reference:

- **Dr. Asmaa Shaar**

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- **Eng. Anas Altadmory**

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