Jaafar Fares *Software Engineer*

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Profile

Aspiring Software Engineer on the cusp of graduation from Holberton School's prestigious international distance education program, with a profound understanding of software engineering principles and full-stack web development technologies. I am poised to leverage my comprehensive education and hands-on experience to excel in dynamic web and mobile development roles.

Successfully completed the foundation year of my software engineering education, gaining comprehensive knowledge across a range of core principles and practices.

Proficiently developed customized interfaces prioritizing accessibility, reachability, and security, reflecting my dedication to user-centric design and robust functionality.

Fueled by a transformative internship, I cultivated a fervor for mobile application development, harnessing Flutter's capabilities to create innovative features and enhance user experiences.

Thrive in fast-paced environments and boast a track record of meeting multiple deadlines while consistently delivering high-quality projects.

Enthusiastically anticipate contributing my dynamic skill set and forward-thinking mindset to a collaborative web and mobile development team, driving inventive solutions and achieving impactful outcomes.

With only one month left until the completion of my specialty in full-stack web development, I am poised to embrace complex challenges and make meaningful contributions to cutting-edge projects. My proactive approach to continuous learning ensures I stay current with the latest industry trends and advancements.

Education

2022/01 – 2023/10
Tunis, Tunisia

Software Engineer
Holberton School
industry-relevant, project-based curriculum emphasizing peer-learning and self-direction in a startup environment. Modules include full-stack web development, low/high-level programming, DevOps principles, and various technologies such as JavaScript, HTML, CSS, C, Python, Bash scripting, networking, security, databases, Dart, and React

Professional Experience

2023/04 – 2023/07
Tunis, Tunisia

Internships
Tnkr
Interned as a Flutter Developer at Tnker, a pioneering startup in the industry.

- Collaborated with the development team to add key features to the existing mobile application, including authentication buttons for Google and Facebook integration.
- Developed a new and expansive "Marketplace" section within the application, catering to a vast user base and ensuring seamless user experience.
- Leveraged advanced Flutter techniques, including MVVM architecture and the Provider pattern, to design and implement efficient and scalable solutions, optimizing both performance and maintainability.
- Contributed significantly to the development of other complex features in the app, such as Cloud Messaging integration and data synchronization.
- Actively participated in company meetings for 5 months, attending weekly sessions to discuss project progress, address challenges, and strategize future developments.

- Held daily meetings with the mobile team, consisting of 5 members, to coordinate tasks, share insights, and ensure a smooth workflow throughout the development lifecycle.
- Demonstrated a profound understanding of Flutter and Dart, effectively utilizing these technologies to architect elegant solutions, enhance app performance, and ensure a seamless user journey.
- This experience not only deepened my proficiency in Flutter but also solidified my ability to work collaboratively within a high-impact team setting. I successfully applied advanced Flutter methodologies to contribute to a large-scale project, showcasing my adaptability and dedication to creating top-notch user experiences.

2017 – 2021
Sousse, Tunisia

Manager
Fares Traveaux Public,
- Managed a team of 50 workers, including subcontractors, on various construction projects.
- Oversaw and supervised 18 different construction projects, ensuring adherence to quality standards and project timelines.
- Controlled costs and optimized spending by effectively managing budgets for labor, equipment, materials, and subcontractors.
- Implemented safety protocols and enforced compliance with regulations to maintain a safe working environment.
- Monitored project progress, identified and resolved issues promptly, and adjusted plans as needed to ensure project milestones were met.
- Mentored and trained team members to enhance their skills and productivity.
- Received positive feedback from clients for delivering projects on time, within budget, and exceeding quality expectations.

Projects

2023/07 – 2023/08

Twitter-Inspired Social Media Application ⬈
Crafting the Next-Gen Social Experience: *A Twitter-inspired App Enhanced with Flutter MVVM, Provider State Management, Get Navigation, and Firebase Real-Time Connectivity*
Designed and developed a dynamic and fully functional social media application that emulates the features and experience of Twitter. Leveraged advanced Flutter architecture, including MVVM design pattern, Provider state management, and the Get navigation system, to create a seamless and user-centric platform.

Key Achievements:

✓ Advanced State Management: Implemented the MVVM architecture with Provider, skillfully managing the state of user authentication and real-time data updates. Ensured a smooth and responsive user experience by seamlessly synchronizing changes in the backend Firebase database with the app's UI.

✓ Real-time Data Streaming: Utilized Firebase to enable real-time data streaming, allowing users to receive instant updates on tweets, follows, and other interactions. Empowered the app to mirror Twitter's dynamic content flow, keeping users engaged and informed.

✓ Custom UI Components: Designed and integrated custom buttons, text fields, and UI elements, enhancing the application's aesthetics and usability. Ensured a consistent and visually appealing experience across the app with carefully crafted styles, colors, and layouts.

✓ Global Design Consistency: Implemented a centralized system of constants for strings, colors, and other design elements, ensuring a cohesive and polished look throughout the app. Streamlined the design process and facilitated easy future updates and enhancements.

✓ Effortless Navigation: Leveraged the Get navigation system to create a seamless and intuitive user journey. Enhanced app navigation by simplifying route management and screen transitions, contributing to a more streamlined and enjoyable user experience.

✓ User Authentication and Profiles: Developed a robust user authentication system, allowing users to securely log in, register, and maintain personalized profiles. Managed user information using a dedicated user model, providing a seamless interaction between user data and the app's frontend.

✓ Interactive User Experience: Integrated interactive features including posting tweets, following other users, and engaging with content. Provided users with an intuitive and engaging platform for sharing thoughts, ideas, and connecting with others, mimicking the familiar and popular Twitter experience.

This Twitter-inspired application showcases my expertise in Flutter development and my proficiency in incorporating advanced architecture, state management, navigation, and real-time functionality. By leveraging the MVVM design pattern, Provider state management, Firebase backend, and the Get navigation system, I have created an immersive and feature-rich user experience that closely mirrors the dynamics of a widely-used social media platform.

2022 – 2023	**Develop Mobile Applications** ⊡ *Flutter SDK, Android Studio, Visual Studio Code, Firebase ...* Designed, developed, and built several mobile applications for Android devices with flutter, such as (Ecommerce App Using Getx, Todo App, Clone iphone Calculator, job marketing app, implement youtube responsive design for different screens, ...)
2023 – 2023	**Movie Website with React** ⊡ *React, CSS, Javascript, HTML, CSS, Node.js, npm, Axios, Jest, Docker* movie app is a React-based web application that leverages API integration to provide users with a seamless movie browsing experience. Using React components such as Authentication, Dashboard, MovieCard, and more, the app allows users to explore and discover movies from a vast collection. With features like search, filters, and personalized sections for managing favorite movies and creating a watch later list
2022 – 2022	**Airbnb website hosted on servers** *Html, CSS, Docker, NGINX, Node.js, MongoDB, Virtual Machines, ...* I led the end-to-end development of an Airbnb-inspired website, overseeing both the back-end and front-end components. I implemented server load balancing to ensure optimal performance, fault tolerance, and a seamless user experience.

Skills

linux ● ● ● ● ○
bash

Web Development ● ● ● ● ○
React
HTML
CSS
JavaScript
Bootstrap

Version Control and Collaboration ● ● ● ● ○
Git
Github

Programming Languages ● ● ● ○ ○
Python
JavaScript
C
Dart

Mobile App Development ● ● ● ● ○
React
Flutter
Getx
MVC
MVVM

Languages

- Arabic
- English
- French