Jaafar Fares

Software Developer

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SUMMARY

Accomplished Software Developer with expertise in creating end-to-end applications and a skilled mobile app developer specializing in Flutter, delivering exceptional user experiences. Detail-oriented problem solver, well-versed in mobile app architecture, design principles, and best practices, ensuring efficient and reliable systems. Innovative and creative thinker, consistently exceeding client expectations with high-quality products across both web and mobile platforms. Collaborative team player, adaptable to fast-paced environments, and dedicated to crafting engaging and user-friendly applications for diverse industries.

EDUCATION

Holberton School Tunisia ⬈ 01/2022 – 10/2023
Software Developer Tunis, Tunisia
  Intensive 2-year program training software engineers
  Approach based on project-based learning and peer learning
- Proficiency in a comprehensive software engineering toolset
- In-depth skills in programming languages like C, Python, JavaScript
- Strong foundation in software development principles, networking, and security
- Proficiency with Linux, Bash, Git, and GitHub for modern development practices
- Mastery of development environments, including Visual Studio Code
- Advanced learning in backend development tools, including Node.js, NGINX, and Docker
- for server management and deployment
- Excellence in full-stack web development using React, Bootstrap, JavaScript, jQuery, and
- advanced HTML/CSS techniques for dynamic frontend interfaces
- Proficiency in backend tools for seamless server functionality and smooth frontend
- interaction
- Design and development of web and mobile applications using frameworks like React
- Native and Flutter
- Emphasis on efficient database management and application integration.

PROFESSIONAL EXPERIENCE

Internships 04/2023 – 10/2023
Tnker ⬈ Tunis, Tunisia
- Collaborated remotely during the internship at Tnker, using tools like Jira, Discord, and Figma for seamless communication and design work, while also leveraging Stacked for architecture.
- Integrated authentication buttons for Google and Facebook, significantly enhancing the app's user experience.
- Designed and implemented a "Marketplace" section with a focus on a broad user base.
- Employed advanced Flutter techniques, including the MVVM architecture, the Provider pattern, and the Bloc pattern, alongside Stacked, to create scalable solutions.
- Contributed to features like Cloud Messaging integration and data synchronization.
- Actively participated in 6 months of virtual company meetings, addressing challenges and strategizing future developments.
- Coordinated daily virtual meetings with a 5-member mobile team, optimizing workflow and ensuring efficient progress.
- Demonstrated proficiency in Flutter and Dart, architecting elegant solutions to enhance app performance.
- The internship showcased adaptability and collaborative skills in a high-impact remote team environment.

PROJECTS

Allcarta Mobile App Development Project ⬈ 10/2023 – Ongoing
Flutter, GetX, Shared Preferences, REST APIs, MVC Architecture.
  Spearheaded the end-to-end development of the "Allcarta" mobile application for a startup, transforming Figma design into a fully functional app.

- Implemented robust user authentication and authorization mechanisms for secure user access.
- Engineered dynamic features, including user data updates, leveraging GetX for streamlined state management.
- Orchestrated seamless integration with web servers via REST APIs, ensuring real-time data synchronization.
- Crafted a responsive and intuitive user interface, aligning with the startup's vision and Figma design.
- Enabled offline functionality through strategic use of Shared Preferences for local data storage.
- Facilitated market transactions by incorporating a user-friendly purchasing system.
- Embraced MVC architecture to foster code modularity and enhance maintainability.
- Responded to user feedback with regular updates, optimizing functionality, design, and performance.

Staffy - Workforce Management App ⧉ 2023 – 2023

Staffy is a groundbreaking workforce management app, showcasing the culmination of my education in software engineering. Let's delve into the remarkable features of Staffy and its potential to streamline workplace operations.

Flutter for the development framework, Firebase for the backend, Google Maps API for mapping, Getx for state management, navigation, local storage, and multiple languages (Internationalization), with MVVM as the architectural pattern.

- Effortless Time Tracking: Simplify work hour tracking for employees and enable real-time access for streamlined payroll management.
- Seamless Communication: Enhance collaboration with a global conversation feature for communication, task management, and greetings.
- Multilingual Support: Available in English, Arabic, and French, promoting inclusivity.
- Personalization: Users can customize profiles for a personalized experience.
- Geolocation Integration: Pinpoints user location for precise sign-in/out tracking.
- Time and Calendar Management: Built-in tools for efficient organization.
- Admin Dashboard: Empowers administrators to manage access, messages, and work hours with ease.

Airbnb website hosted on servers ⧉ 2022

Managed the end-to-end development of an Airbnb-like website, overseeing both front-end and back-end aspects.

- Crafted a JavaScript web app using HTML and CSS for a seamless user experience.
- Utilized Flask and cmd libraries to develop a custom RESTful API and a back-end console for efficient database interactions and instance creation.
- Employed Flask Blueprints to enhance code reusability.
- Implemented a Python unit testing suite to ensure the proper behavior of instances and functions.
- Managed infrastructure, including hosting the project on servers, deploying Docker for consistency, implementing server load balancing with NGINX, and leveraging Node.js, MongoDB, and Virtual Machines for robust functionality.

SKILLS

Mobile App Development
- Flutter
- Firebase
- Getx
- Provider
- Bloc

Web Development
- HTML
- CSS
- JavaScript
- Bootstrap
- React

REST API Integration
- API design and development
- Data fetching and manipulation
- Authentication and authorization implementation
- Error handling and optimization
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Programming Languages
- Python
- JavaScript
- Dart
- C

Version Control and Collaboration
- Git
- GitHub

IDEs
- Visual Studio Code
- Android Studio

LANGUAGES

Arabic	●●●●●	English	●●●●○
French	●●●●○		