Jheison Alexander Alzate G.

Senior Angular & Ionic Developer

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Profile

I am a Frontend developer with over 8 years of experience creating cross-platform applications using Angular, Ionic, and Firebase. I have led notable projects such as LullaAI, which was awarded in the Apple Store, and Somiaz, a wellness app based on wearables.

Furthermore, I specialize in software architecture, integration of advanced APIs like Google Maps, and performance optimization. I have developed libraries such as UbankLib and Llulalib, enhancing efficiency in large-scale projects.

My focus is on delivering scalable solutions, with a strong commitment to quality and user experience.

Experience

Quality Devs, Spain - *Senior Angular/Ionic Developer*

March 2024 - October 2024

In collaboration with the great team at **adSalutem**, we created **Somiaz**, an application designed to improve users' sleep quality and overall well-being. My role involved designing the entire architecture and writing the application's code, as well as implementing key functionalities to ensure a smooth and personalized user experience. My contributions included creating a system of personalized plans based on user habits, determined through an initial survey, and developing an integrated calendar to log events such as sleep patterns, meals, energy levels, and physical activity.

One of the standout features I implemented was the integration with **wearable devices**, enabling the synchronization of physical and activity data in real time to enhance the app's usability. This involved working with technologies like Ionic Framework, Angular, Ngrx, and Firebase, ensuring a scalable and robust solution.

Additionally, I translated designs provided in Figma into functional code, ensuring the application not only met technical requirements but also adhered to established design and user experience standards.

Lulla Care, Spain - *Senior Angular/Ionic Developer*

April 2022 - March 2024

At LullaAI, an award-winning app recognized as **App of the Day in the Apple Store**, I worked on the development and enhancement of a solution focused on improving babies' sleep habits. The app uses artificial intelligence to help babies fall asleep or calm them if they wake up, providing an invaluable tool for parents.

My key responsibilities and achievements include:

App Optimization: I worked on all the app's functionalities, significantly improving its performance and reducing its size, resulting in a smoother and more efficient user experience.

Development of ChatIA: I created a portal called **ChatIA**, an innovative tool for sleep coaches to manage chats with LullaAI users. This system, powered by artificial intelligence, was one of the first of its kind and allowed for organizing and generating reports on user cases (parents seeking solutions for issues related to their babies' sleep). To achieve this, I implemented a socket integration, set up a Linux server, and used Firebase to facilitate communication between LullaAI and ChatIA.

Creation of Llulalib: I developed a library called Llulalib, which served as the core for the second version of LullaAI. This library enabled a more robust architecture, better performance, and faster development. Additionally, it was used to build other wellness applications, such as **Runners** and **Maternity+**, which have been supported by **Google for Startups**.

Übank, Mexico - *Frontend Development Lead*

January 2020 - Abril 2022

At UBank, I took on the role of Frontend Development Lead, where I led the creation of a core library called **UbankLib**, designed to serve as the foundation for multiple banking applications used by institutions such as **Banesco** and **Coopeuch**. These applications focus on capturing savings through goals or specific events, offering users innovative tools to manage their finances effectively.

My key responsibilities and achievements include:

Development of the **Ubank Library**: I created a modular and scalable library that standardized the development of banking applications, **reducing development time by 78%**. This library became the technological backbone for all UBank applications, ensuring consistency and efficiency in the development process.

Impact on Savings Capture: The applications developed with the Ubank library have captured over **$230M USD** annually in savings, thanks to innovative features that allow users to set savings goals based on their spending and financial habits.

Technical Leadership: I led a frontend development team, establishing best practices, conducting code reviews, and ensuring the delivery of high-quality, high-performance solutions.

Capek AI (a T2M Company), Colombia - *Front-end Developer*

March 2019 - January 2020

At Capek, a T2M company, I worked as a Frontend Developer on the creation of a web dashboard built with Angular. This dashboard was designed to manage and visualize key data related to **chatbot solutions**, which specialize in streamlining processes such as scheduling appointments, answering frequently asked questions, and automating workflows in the healthcare and real estate industries.

My key responsibilities and achievements include:

Development of the Reporting Module: I built the dashboard's reporting module, ensuring that the information presented was clear, easy to interpret, and optimized for quick and effective decision-making. This module allowed users to analyze key metrics related to chatbot performance and customer interactions.

Enhancing User Experience: I implemented intuitive designs and interactive features that facilitated navigation and data analysis, contributing to a more efficient user experience.

Collaboration on Chatbot Solutions: I worked closely with the team to ensure the dashboard was aligned with the needs of the healthcare and real estate industries, supporting task automation and process optimization.

Senseta, Colombia - *Front-end Developer*

Noviembre 2018 - Febrero 2019

At Senseta, I worked on the development of an administrative panel and a public portal designed to facilitate the management and search of properties for lease or sale. My role involved building both platforms, ensuring a smooth and efficient **user experience** for both administrators and end users.

My key responsibilities and achievements include:

Development of the Administrative Panel: I implemented a system that allows administrators to upload, manage, and update property information, streamlining its publication on the public portal.

Creation of the Public Portal: I built an intuitive and responsive portal that enables users to search and filter properties according to their needs, optimizing the property search and viewing experience.

Integration with GraphQL: I used GraphQL to efficiently consume APIs, ensuring fast and accurate data flow between the backend and frontend.

Technologies Used: For the development of both platforms, I utilized Ionic Framework, Angular, and GraphQL, which allowed me to create robust, scalable, and easy-to-maintain solutions.

Intellinet training, Colombia - *Front-end Developer*

October 2017 - November 2018

At Intelligent Training, I took on the role of Frontend Developer, leading the design and development of an innovative Uber-like mobile application called **MovAPP**, focused on addressing the transportation needs of university students. This project stood out for its integration of advanced technology to optimize mobility within and around university campuses.

My key responsibilities and achievements include:

Design and Development of the Application: I implemented a scalable and user-centric solution, enabling students to share routes and access transportation services efficiently and securely.

Advanced Integration of **Google Maps API**: I developed key features such as dynamic route generation, estimated time calculations, and geofencing, maximizing accuracy and enhancing the user experience.

Optimization of University Transportation: I contributed to reducing costs and travel times for students by implementing an intelligent grouping system based on schedules and common destinations.

Impact on the Student Community: The application successfully facilitated the mobility of hundreds of students, promoting sustainability through shared routes and improved connectivity within the university environment.

This project not only allowed me to strengthen my technical skills in frontend development but also provided me with deep experience in using geolocation APIs and solving complex problems related to logistics and urban mobility.

Skills

Frontend Development: Angular (Expert), Ionic Framework (Expert), TypeScript, JavaScript, reusable library development (e.g., UbankLib, Llulalib), scalable and modular architectures, REST and GraphQL API integration.

Project Management and Leadership: System design and implementation, team leadership, best practices establishment, translating Figma designs to functional code.

Technological Integrations: Firebase, Google Maps API, Sockets, wearable device integration.

Optimization and Performance: Application weight reduction, performance improvement, real-time data systems, multi-device synchronization.

Innovative Functionalities Development: AI integration in mobile apps (e.g., ChatIA in LullaAI), admin portals, dashboards, personalized plan systems.

Additional Technologies: Ngrx (state management), Linux server setup, UX/UI design tools.

Industry Experience: Healthcare and wellness (LullaAI, Somiaz), finance and banking (UBank), university mobility (MovAPP), real estate and automation (Capek AI, Senseta).

Languages

Spanish: Native speaker
English: Intermediate (B1)