Adrian Bravo López

B.S. in Computer Science

CONTACTS

+52 55 5199 7826   adrianbravo10@hotmail.com   Mexico City   Linkedin   GItHub

ABOUT ME

Enthusiastic about crafting computational solutions and exploring the realms of web development. My project portfolio spans a spectrum of endeavors demanding both backend and frontend expertise, seamlessly integrated with cloud-based solutions.

EDUCATION

Instituto Tecnólogico y de Estudios Superiores de Monterrey
Bachelor in Computer Science | 2020 - 2024

RELEVANT PROJECTS

No Linger (September- December 2023)

No Linger is an ambitious mobile app developed in collaboration with Oxxo and Oracle Mexico to help Oxxo employees verify the correct arrangement of the products on the store shelves. Using a sophisticated CNN our app made sure to alert employees when a particular shelve did not meet company standards.

- Authentication: Developed a simple yet robust system of authentication that could handle the employees of the 20,000+ Oxxo stores here in Mexico.
- User Dashboard : Designed an effective dashboard that could be used by Oxxo higherups to manage the users of the app, effectively increasing efficiency in a 30%.
- Android Development: Managed library dependency and compatibly to ensure that the android build would be compatible with over 4000 different phone models.

Wheelwise (February - June 2023)

Within the Wheelwise project, I played a pivotal role in crafting a dynamic web application with the goal of revolutionizing the car purchasing journey by implementing machine learning solutions and customizable user expirience .

- Backend Development and User Management: Orchestrated the development of the project's backend, overseeing critical aspects such as user management, resulting in a 20% decrease in response times.
- User authentication: Implemented robust user authentication and authorization system that could handle more than 30,000 users using AWS Cognito, to enhance the application's security while ensuring seamless user experiences.
- Access Control and Security: Implemented an access policy that ensured that different user categories, such as buyers and dealerships, could interact with the platform based on their roles, enhancing both usability and security.
- Enhanced User Experience: Designed and developed intuitive screens for user registration and sign-in processes, contributing to a streamlined onboarding experience. This resulted in and increase of 30% in user engagement and satisfaction.

Alertas Atizapán (August - November 2022)

Alertas Atizapan is a tranformative app that would serve the people of Atizapan as a tool to help them avoid danger in timely fashion, thanks to its notification and map utilities. The app was built exclusively for android using android studio and kotlin.

- Real-Time Weather Integration: Integrated a weather dashboard that could empower user with its plethora of minute precise weather information.
- User-Centric Interface Development: Developed User centric menus that ensured users would need no more than 15 seconds to navigate the app and acquire the information they were looking for.
- Architecture Designer: Designed the project architecture to strictly follow the MVC design, effectively raising efficiency by more than 30% by making most kotlin code both reusable and more readable.

SKILLS

Programming Languages : C++, Python, Javascript, Kotlin, C#

Technologies : Git, Next Js, React, AWS, Google Cloud, React Native, Android Studio, Express, Flask, Mongo, Sql

Soft Skills : Working in groups, Project Management, Adapts well to any work environment, Flexible, Critical Thinking.