Alan de Jesús Martinez Hernández

Experience

XTI - Like Capital

Nuevo León, Mexico
January 2025 - April 2025

Mobile Developer

- Design, development, and implementation of a mobile app exclusively for members of various political parties, optimizing user interaction and participation.
- Creation of the "Conéctate" module, an internal social network similar to Facebook or Instagram, but restricted to party-affiliated users only. This module allows users to post, comment, and react to content privately and securely.
- Development of the "Reporte Ciudadano" module, which enables members to generate and submit reports on incidents in their community, such as dirty streets, streetlight failures, and more.
- Implementation of a news visualization system, where the party can share relevant information with its members, who in turn can interact through reactions and comments.
- Integration of features to offer and request services, as well as the management of exclusive promotions and discounts for party members, improving the user experience and fostering loyalty.

EDUCONTROL - Centro Bachillerato Tecnológico Agropecuario No.5 "Hermanos Flores Magón"

Hidalgo, Mexico
September 2023 - December 2024

Software Engineer.

- Design, development, and creation of a multiplatform school website.
- Implementation of an automated system for generating school credentials.
- Development of accessible solutions for managing access control to the school and classrooms.
- Creation of a mobile app specifically aimed at parents, facilitating their interaction with the institution.
- Integration of a communication system with Alexa, allowing parents to view relevant information about their children (students), such as grades, attendance, and other academic data.

ERPP - Pachuca Governorate (IFRESH)

Hidalgo, Mexico
February 2024 - April 2024

Software Engineer.

- Data migration, ensuring an adequate relationship between previous and new records, optimized the structure and consistency of the information.
- The incorporation of a system that allows for the more efficient addition of new entries, including the correct integration of symbols and signs in key sections of the site.
- The provision of options for error identification and correction, facilitating more efficient incident management and continuous system improvement.

Skill

- **Frameworks & Libraries:** React.js, Vue, Angular, React Native, Node.js, Flask, Fast, TensorFlow, Keras, Pandas.
- **Programming Languages:** JavaScript, TypeScript, Python, Java, Dart.
- **Databases:** MySQL, PostgreSQL, MongoDB.
- **Tools:** Git, GitHub, Docker, Vercel, Render, Azure DB, Sentry, Jest, Cypress, K36, CI/CD.
- **Learning:** Convolutional Neural Network.
- **Methodologies:** Scrum, XP, Kanban.

Educations

Technological University of the Huasteca Hidalguense
Engineering in software development and management

Hidalgo, Mexico
September 2021 - July 2025

Contact

- **Email:** Mtzalan080@gmail.com
- **Phone:** +52 1 8143030731
- **Portfolio:** https://wasaka-be.vercel.app

Languages

- **English:** Basic-intermediate level (reading and writing at 30%, basic conversation at 10%). Ability to read and understand technical documentation.
- **Spanish:** Native