

FELIX AVALOS

Software Engineer specializing in Front-End and Mobile Development with expertise in React Native, JavaScript, TypeScript, HTML, and CSS. Experienced in building scalable applications for Android and iOS, integrating APIs. Successfully completed the ANUIES4MX challenge, securing a spot in the EMFUTECH program of MIRAI 2025 in Osaka, Japan to expand expertise in AI-driven applications and emerging technologies. Passionate about clean architecture, performance optimization, and intuitive UI/UX design.

CONTACTO

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PROJECTS

EducApp, ANUIES4MX Challenge

Jan 2025

Description: Developed a mobile application designed to generate AI-powered forms aimed at helping students catch up on their education. The app leverages OpenAI's API to create personalized assessments tailored to each student's needs, which are then displayed in the mobile application. This project was submitted for the Anuies4Mx challenge and secured a scholarship opportunity in Japan.

Key Contributions:

- Integrated OpenAI API for personalized form generation.
- Built a mobile app to manage and display AI-generated assessments.

Technologies: TypeScript, React Native, OpenAI APIS.

WorkMatch App, BrightCoders Bootcamp

Feb 2024 - May 2024

Description: Collaboratively developed a mobile application with React Native designed to facilitate connections between employers and job seekers.

Key Contributions:

- Developed custom hooks to:
- Collect and send user registration data to the database.
- Validate login credentials by retrieving and verifying data from the database.
- Retrieve and display user information across various app screens.

Technologies: React Native, TypeScript, Supabase.

Music App, Personal Project

Nov 2024

Description: Developed a mobile application using Expo React Native that leverages the Last.fm API to deliver music-related features, including top artist browsing and artist details, along with user authentication and session management.

Key Contributions:

- Integrated Axios and TanStack Query to efficiently handle API requests and caching.
- Utilized React Hook Forms to validate user inputs during authentication.
- Managed user sessions, tokens, and personal data storage using Zustand, ensuring seamless session persistence.

Technologies: TypeScript, Zustand, React Hook Forms, Axios, TanStack Query.

EDUCATION

Universidad de Colima
Software Engineering August 2022 - August 2026

COURSES & CERTIFICATIONS

BrightCoders, MagmaLabs.
React Native Bootcamp December 2023 - May 2024

INTERNATIONAL INTERNSHIP

MIRAI INNOVATION RESEARCH INSITUTE.

Jan 2025 -

EMFUTECH. OSAKA, JAPAN

May 2025

SKILLS

Idiomas: Spanish (native), English (C1).

Stack: TypeScript, JavaScript, HTML, CSS, React Native, Git.

Soft Skills: Problem-solving, Teamwork, Fast learner, Innovation.