Pablo Navarro Zepeda

✉ panaze@outlook.com   in linkedin.com/in/panaze   ⭘ github.com/panaze   🌐 pablonz.com

Experience

iOS Developer — Softtek (Research and Development)   Jun 2023 – Present
Monterrey, Mexico

- Led a team of 5 in the development of Frida for Mac, an Xcode extension with GenAI capabilities designed to streamline software engineering workflows.
- Built container inspection apps for VisionOS, utilizing real-time image and metadata analysis for Crowley operations.
- Led the development of a conversational assistant application leveraging OpenAI Realtime API with GPT-4o and WebRTC for low-latency, multi-modal interactions.
- Implemented iOS solutions integrating Firebase Auth, Firestore, and Push Notifications for seamless synchronization and enhanced user security.

iOS Developer — Mileways   Jul 2024 – Dec 2024

- Designed and maintained the client-side backend for a travel-focused iOS app with 107,895 active users.
- Delivered key improvements to backend efficiency, increasing client-side performance and app download rates by 15%.
- Streamlined app performance and user experience, leading to a 4.5-star App Store rating with 80+ reviews.
- Built a personalized Year Recap feature with custom Metal shaders and an interactive 3D globe; introduced social sharing functionality, driving a 34% increase in App Store impressions and 25% more downloads.

Education

Apple Developer Academy   Sep 2023 – Jul 2024
University of Federico II, Naples, Italy

Tecnológico de Monterrey (ITESM)   Aug 2020 – Dec 2024
BSc. in Computer Science and Technology Engineering   *95.62/100 GPA*

- University Ambassador (2022–2023): Represented ITESM at national and international events.

Projects

Serenade, *Cofounder and Developer*   Nov 2023 – Present

- Co-developed 'Serenade,' a music-sharing app integrating MusicKit, Combine, and Firebase to deliver personalized recommendations.
- Ranked among the top 165 music apps in Italy with 400+ active users across 5 countries.
- Led the integration of Sign-In with Apple and WidgetKit, showcased to industry professionals at Apple events.

Awards and Achievements

Changemakers Social Challenge 2024   November 2024
Enactus and Apple — Mexico City

- Won 1st place in the "Cities" category with "Reimagina," an iOS iPad app addressing SDG 11.7: sustainable public spaces.
- Developed using MapKit, WeatherKit, PencilKit, and GameKit to foster youth engagement through gamification.

Hack Monterrey 2024   September 2024
Largest hackathon in Mexico

- Secured 3rd place overall and 2nd in the Capital One Challenge by creating an app utilizing Multipeer Connectivity and AI-driven insights.

Outstanding Student Award   May 2023
Tecnológico de Monterrey

- Recognized among the Top 1% of students in the School of Engineering and Science.

Skills

Technical: Swift (Proficient), Python, JavaScript, SQL, C++, Combine, Core Data
Technologies: VisionOS, OpenAI Realtime API, Firebase (Auth, Firestore, Push Notifications), React, TypeScript, Node.js
Languages: Spanish (Fluent), English (Fluent), German (Conversational)

Certifications

Introduction to iOS Mobile Application Development, Meta 2023
Data Analytics with Google, Google 2023
Full Stack Web Programming Certification, Digital House 2022
Programming of Data Structures and Fundamental Algorithms, ITESM 2021