

# ALEJANDRO APODACA CÓRDOVA

## ENGINEER

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Mexicali, Baja California | [alejandro.apodaca@apoapps.com](mailto:alejandro.apodaca@apoapps.com) | [www.apoapps.com](http://www.apoapps.com)

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Software developer with experience programming for iOS, Android, and Web. Self-taught and quick to apply new technologies and APIs. I have launched successful apps like Tri-Go Math (over 500K users) and WakeUp (Sleep cycle calculator). Currently pursuing a Mechatronics Engineering degree, I bring a unique perspective combining software innovation with engineering.

### AREA OF EXPERTISE

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- Mobile and web Development (Flutter, React, SwiftUI)
- UI & UX Design
- Embedded Systems & PLC's
- Backend & Api design
- Software Architecture & Scalable Design
- Mechanical Design

### KEY PROJECTS

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- **2025** – WakeUp: Sleep cycle calculator and smart alarm built with SwiftUI. Available on iOS.
- **2021** – Fisik: Physics learning app built with Flutter. Available on iOS & Android.
- **2020** – Tri-Go Math: Math toolkit app built with Flutter (mobile) and Next.js (web). Helped 500K+ students worldwide. Available on iOS, Android & Web.
- **2020** – Endless Beats: Rythm based game, made as my introduction of real software development using Godot Engine 3.
- **2018** – Science Platformer: Educational math game built in Scratch, designed as a platformer to help users practice and improve basic arithmetic skills through gameplay.
- **2017** – COFI: Arduino UNO project intended to provide support deaf people to be notified when a person speak to him.

### PROFESSIONAL EXPERIENCE

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#### Developer | Mexicali City Council Voting System

**2023-2024**

- Led the full-stack implementation of a voting app. Developed a Flutter/Dart frontend and a backend (Node.js, MongoDB, WebSockets) for Android tablets, achieving real-time results and gaining advanced experience.

### EDUCATION

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#### Bachelor in Mechatronics Engineering

**Aug 2022 - Aug-2026**

Cetys University

- Scholarship recipient with “Corazon Por Delante” 90%
- Awarded as an outstanding student in entrepreneurship

### ADDITIONAL INFORMATION

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- **Languages:** English, Spanish.
- **Awards/Activities:**
  - Recipient of 2024 CETYS Engineering anual student awards with the title of outstanding entrepreneurship
  - Recipient of the 2021 State Youth Award in Baja California in the category of Entrepreneurial Ingenuity.