

# Adrian Palacios – Software Engineer

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## Skills

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**Programming languages:** JavaScript, TypeScript, Python, Kotlin, Swift

**Frameworks:** React, React Native, NestJS, Electron, Astro, SwiftUI

**Technologies:** Node.js, RESTful API, SQL, NoSQL databases, Redux, Zustand, Firebase, Turso, i18n, HTML, CSS, StyleX

**Testing:** Jest, Cypress, React Testing Library

**DevOps:** Docker, Kubernetes, Git, GitHub Actions, CI/CD

## Experience

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**Full stack developer**, Persona Desarrollo Web, freelance – Torreón, México June 2020 – Present

- Developed a white-label calendar application with Firebase, React, and Astro that increased appointment scheduling efficiency and decreased errors by 30% by providing a seamless user experience
- Created and positioned over 25 responsive websites for health professionals across Mexico using React, Astro, StyleX, and i18n, resulting in a 50% increase in client patient quantity by enhancing their online visibility and accessibility
- Built a React web application to automate sending personalized WhatsApp messages by using web scraping to gather contact data, improving targeted outreach efforts and costs
- Created multiple full-stack TypeScript applications to oversee time and client assignments, such as automated methods for identifying overdue payments and website problems, enhancing productivity and customer support
- Identified and connected with clients to understand their needs, implementing various work methodologies and software tools to optimize project outcomes

## Projects

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**MySoundtrack** [apps.apple.com/mx/app/mysoundtrack/id1642569055](https://apps.apple.com/mx/app/mysoundtrack/id1642569055)

- Developed a native music application for Android and iOS that integrates Spotify, Apple Music, and YouTube Music to play songs automatically based on user-selected locations
- Built an application framework using Android Studio, Kotlin, Java, XCode, Swift, SwiftUI, and Firebase for secure user management and data handling
- Integrated Firebase for monitoring, and MusicKit, Spotify, and Google V3 APIs for music integration
- Improved user experience with geofencing, preferences, animations, and responsive design, while tackling technical challenges to ensure application stability
- Implemented thorough unit testing and debugging to ensure high-quality code and optimal application stability

**Habit Diary** [apps.apple.com/us/app/habit-diary/id6504735205](https://apps.apple.com/us/app/habit-diary/id6504735205)

- Developed a cross-platform application with React Native and Expo to track habits and thoughts
- Implemented libraries such as AsyncStorage for local data persistence and Chart-Kit for data visualization
- Built and deployed the application with Expo CLI ensuring the ease of maintaining the application in the long term

**Nice Link** [github.com/AdrianPalacios03/NiceLink](https://github.com/AdrianPalacios03/NiceLink)

- Built a full-stack URL shortener application using React, NestJS, and Turso
- Designed and developed a RESTful API in NestJS to handle URL creation and retrieval, ensuring robust and scalable backend performance

**Securitly** [github.com/AdrianPalacios03/Securitly](https://github.com/AdrianPalacios03/Securitly)

- Developed an Android application using Android Studio and Kotlin that automatically sends custom messages to selected contacts when the device's battery reaches a user-defined level

## Education

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**Instituto tecnológico de la Laguna** – Computer Systems engineer

Torreón, Coahuila