

# Pedro Gomez-Ramirez

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Charlotte, NC · U.S. Citizen · Open to Remote & Relocation

## PROFESSIONAL SUMMARY

Frontend and React Native Developer with 1+ year of professional experience shipping a cross-platform mobile application from concept to production — achieving **1,500+ downloads** and serving up to **600 concurrent users** during peak events on the App Store and Google Play. Sole frontend engineer on a live, revenue-generating product. Proven ability to debug complex cross-platform issues, optimize performance under high-concurrency load, and deliver polished UI/UX with **React Native, React, TypeScript, and REST APIs**. Seeking a frontend or mobile development role where I can build fast, reliable user experiences.

## SKILLS

<b>Frontend &amp; Mobile</b>	JavaScript   TypeScript   React Native   Expo   React   Vite   HTML   CSS   Tailwind CSS
<b>State &amp; APIs</b>	Redux   REST APIs   API Integration   Token-Based Authentication
<b>Backend &amp; Database</b>	Python   Java   Kotlin   C#   PHP   ASP.NET   Laravel   MySQL   SQL
<b>Tools &amp; Methodologies</b>	Git   Chrome DevTools   JIRA   Agile   DigitalOcean   App Store & Google Play Deployment

## EXPERIENCE

### Presale.Codes

Sept 2024 – Oct 2025

*React Native Software Engineer (Sole Frontend Engineer)*

*Remote*

- Built and shipped a cross-platform **React Native** mobile app (iOS & Android) from scratch as the **sole frontend engineer**, reaching **1,500+ downloads** and averaging **100–300 daily active users**, peaking at **600+ concurrent users** during high-demand events such as Bad Bunny and Beyoncé concert presales
- Architected and implemented the full UI/UX using **React Native, TypeScript, and REST API** integration — including an event listings table, real-time search, single event view, and subscription-based content locking — collaborating directly with a senior backend engineer
- **Technical Troubleshooting:** Diagnosed and resolved a critical cross-platform subscription failure using **Chrome DevTools** and Network logs to identify schema discrepancies between Apple and Google Play transaction IDs, restoring full revenue functionality
- **Performance Optimization:** Reduced app load times and mitigated crash risks during high-concurrency events (600+ users) by implementing lazy-loading and refactoring monolithic components into modular, on-demand architecture
- **Resilience Engineering:** Integrated comprehensive error-catching frameworks and input validation to prevent runtime crashes, ensuring a seamless UX for **1,500+ users** during high-pressure concert presale windows
- **Strategic Prioritization:** Managed user feedback and feature requests during peak traffic, triaging critical stability fixes and backend scalability over non-essential UI updates to maintain **100% uptime**
- Built a secure token-based authentication system and published the app on both the **App Store** and **Google Play**, ensuring full compliance with platform-specific guidelines

## PROJECTS

### Capstone Project — Gym & Fitness Tracker

Sep 2023 – May 2024

*Full Stack Developer*

*Mohawk College*

- Led full-stack development of a Gym/Fitness Tracking Web App using **Laravel, PHP, JavaScript, and MySQL**, featuring personalized workout plans, progress tracking, and a calorie calculator
- Implemented CRUD operations, user authentication, and role-based access control (Admin/User), plus a moderated community forum with social features
- Deployed on **DigitalOcean** with XSS/SQL injection prevention, pagination, and advanced search/filter for scalability

### Applied Research — Military Archive Facial Recognition

Jan 2024 – Apr 2024

*Full Stack Developer*

*Mohawk College*

- Selected for an **invite-only** applied research course; built a full-stack AI application using facial recognition to match living relatives with archival photos of Canadian military members
- Integrated **AI/ML** models using **Python**, built the backend with **SQL**, and developed the frontend with **Laravel**
- **Data Integrity & AI Training:** Improved facial recognition model accuracy to **80%** by curating and tagging training datasets with precise metadata, enabling effective differentiation between archival matches and false positives

### Lumha — AI Video Enhancement

Jan 2024 – Apr 2024

*Backend Developer*

*Mohawk College*

- Partnered with a startup to integrate AI-powered video processing features — object removal, upscaling, and merging — into a concert video application
- Contributed to a 4-person team using **Python** and **Java** to build and connect AI models to the backend, with team coordination via **Slack** and **JIRA**

### Software Development Diploma

Sept 2021 – Dec 2025

*Mohawk College*

*Hamilton, ON*

- **Technical Mentor** — New Developers Club: Taught **100+ students** core concepts including sorting algorithms and Git version control through plain-English tutorials and whiteboard sessions; guided peers through IDE setup (VS Code) and debugging workflows
- **Social Executive** — VR/XR Club & New Developers Club: organized events, managed social media, and drove new member recruitment
- **Volunteer** — Temi Lab: developed documentation and prototype code for the Temi robot SDK, implementing basic movement and interaction functions