Alejandro Raúl Rodríguez Díaz

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Full Stack developer with 4 years of experience building scalable mobile and web applications for fintech, e-commerce, and healthcare sectors. I deliver high-quality solutions in collaborative, fast-paced environments, consistently meeting tight deadlines while prioritizing code maintainability and user experience. Driven by continuous learning and a passion for solving complex technical challenges.

PROFESSIONAL EXPERIENCE

Tropipay   **Barcelona, Spain**
Software Developer   *Oct 2024 – Present*

- Developed and optimized a cross-platform fintech app (Senda) using Flutter, enabling seamless remittance transfers, mobile top-ups, and digital vouchers to Colombia.
- Integrated push notifications for real-time transaction updates, improving user trust and engagement by keeping beneficiaries informed instantly.
- Contributing to the frontend development of RalioPay, a Banking as a Service (BaaS) platform, using Next.js to build responsive and scalable interfaces for financial services integration, API management, and payment processing solutions.
- Implemented scalable and secure solutions tailored to financial regulations, ensuring safe money transfers and real-time transaction tracking for thousands of users.
- Set up CI/CD pipelines using Codemagic, reducing deployment time by 70% and increasing development efficiency, release confidence, and time-to-market.
- Provided post-launch support, proactively identifying and resolving critical issues affecting payment flows, contributing to increased user retention and satisfaction.

Quasar Software   **California, United States**
Full Stack Developer   *Jun 2023 – Sept 2024*

- Developed complex UIs and interactive maps for high-demand, time-sensitive projects.
- Integrated Firebase for authentication, real-time database, analytics and push notifications.
- Built a vacation rental property scouting app for Airbnb hosts in the U.S., featuring end-to-end setup services and achieving over 10K downloads.
- Led the full development lifecycle — from UI/UX design to deployment — reducing property onboarding time for hosts by 60%.
- Integrated Stripe for in-app payments and subscriptions.
- Implemented geo-based search to help users find high-ROI properties based on location demand and seasonality.
- Developed backend services using Ruby on Rails for Pong Map, a sports facility discovery app, implementing RESTful APIs, database design, and business logic for court reservations and user management.

Dofleini   **Havana, Cuba**
Flutter Developer   *Jan 2023 – May 2023*

- Developed a mobile e-commerce application for Tuambia, a Cuban marketplace platform, using Flutter to deliver a seamless cross-platform shopping experience.
- Implemented state management using Riverpod, ensuring predictable app behavior, efficient data flow, and improved code maintainability across complex feature sets.
- Built core e-commerce features including product catalog browsing, shopping cart functionality, order management, and user authentication.
- Integrated RESTful APIs to connect the mobile app with backend services, enabling real-time product updates, inventory management, and order processing.
- Collaborated with cross-functional teams to define app requirements, design user flows, and iterate on UI/UX based on user feedback and business needs.

While True Solutions   **Havana, Cuba**
Flutter Developer   *Dec 2022 – May 2023*

- Collaborated in the development of two sports-related apps: a sports betting app integrated with physical printers, and a sports tracking app.
- Built real-time score and statistics monitoring features for live sports events, enhancing user engagement and experience.
- Integrated hardware components to enable seamless ticket and document printing directly from the betting app.
- Implemented push notifications to deliver live updates, game results, and betting status in real time.

Bisalltec S.A.S   **Guayaquil, Ecuador**
Software Developer   *Nov 2021 – Dec 2022*

- Led the end-to-end development of HallMed, a mobile health management app focused on appointment scheduling, patient tracking, and healthcare provider discovery.
- Independently managed the entire project — from UI/UX design to deployment — ensuring optimal performance and full alignment with client requirements.
- Integrated Supabase for real-time database operations, user authentication, and backend services, prioritizing data security and scalability.
- Designed and implemented a clean, intuitive interface to enhance usability and overall user experience.

EDUCATION

TECHNOLOGICAL UNIVERSITY OF HAVANA   **Havana, Cuba**
Computer Engineer   *Sept 2019*

SKILLS

- Spanish: Native
- English: B2 (Intermediate-Upper)
- Effective written and verbal communication