

# CARLOS ARANCIBIA

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## PROFESSIONAL SUMMARY

Software Engineer with 7+ years of experience building and maintaining production systems across mobile, web, payments, and operational platforms in LATAM and the United States.

Main programmer for publicly distributed Android and iOS applications (10,000+ Android downloads) with multi-year production maintenance (2020–2025). Experienced in integrating payment gateways, ERP systems, and role-based workflows in real-world environments.

Currently seeking a Software Engineer I or II role where I can contribute quickly, collaborate within structured teams, and continue growing under strong engineering standards.

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## TECHNICAL SKILLS

Languages: Kotlin, Java, JavaScript, TypeScript, Dart, SQL

Frontend: Android, Flutter, React / Next.js, HTML, CSS, Tailwind

Backend & APIs: REST APIs, Firebase (Auth, Firestore), SQL Server, MySQL

Mobile Distribution: Google Play Console, App Store Connect

Architecture: Role-based systems (RBAC), workflow modeling, payment integration

Tools: Git, Firebase Cloud Functions, Agile methodologies

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# PROFESSIONAL EXPERIENCE

## **DIAZ BROTHERS COMPANY LLC – Florida, USA**

Software Engineer

Jul 2024 – September 2025

U.S.-based electrical services company (residential, commercial, and industrial).

- Designed and implemented a real-time operational dashboard for business visibility.
- Built an internal web/mobile system for field team management (task tracking, materials, vehicle status).
- Developed a service order management platform with pricing logic, memberships, PDF generation, and automated email workflows.
- Reduced manual coordination between field teams and administration through structured workflow tools.
- Worked directly with company ownership to translate business needs into technical solutions.

## **DIGICORP LTDA – Bolivia / Perú / Chile**

Mobile & E-Commerce Systems Engineer

2019 – 2024

Largest B2B technology distributor in Bolivia (170+ professionals).

- Led development and publication of public Android and iOS applications (Google Play & App Store).
  - Achieved 10,000+ Android downloads.
  - Maintained production systems across multiple release cycles (2020–2025).
  - Managed Play Console releases and version compatibility (Android 5.0+).
  - Integrated payment gateways and ERP systems.
  - Built custom web + mobile e-commerce MVP in ~1 month.
  - Implemented order and reporting modules improving internal process efficiency by up to 75%.
  - Reverse engineered undocumented databases to build custom APIs.
  - Supported platforms serving approximately 3,000 daily users in Bolivia.
  - Collaborated directly with executive leadership and cross-functional teams.
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## **V@COMM – Bolivia**

Co-Founder & Technical Lead

Payments Platform

2018 – 2020

- Built “Octopus” online payment system with Android apps and printer integration.
- Launched payment platform in two credit cooperatives.
- Enabled telecom collections and credit recharge for Entel.
- Developed Flutter digital wallet app with OTP verification.
- Integrated third-party APIs, Firebase, and SMS workflows.
- Automated commission calculations and daily settlement reporting.

Owned backend, API design, and mobile development end-to-end.

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## **IGLESIA TIEMPO DE CAMBIO – Bolivia**

Full-Stack Systems Developer

2016 – 2019

- Built membership registration and reporting systems used daily by 100+ active users.
  - Developed geospatial branch coverage tool using Google Maps and geofencing.
  - Created role-based websites and internal dashboards.
  - Provided production support during recurring live events.
  - Worked directly with executive leadership.
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## **TISMART (DATEC Division) – Bolivia**

Junior Android Developer

2015 – 2016

- Integrated REST APIs for billing and inspection tracking (CRE electric cooperative).
  - Implemented UI updates for financial applications (BancoSol, Banco Bisa).
  - Contributed to Agile development cycles and production maintenance.
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## **DATEC LATAM – Bolivia**

IT Support / Data Center Operations

2014 – 2015

- Supported early-stage D-Cloud data center monitoring systems.
  - Maintained secure infrastructure workflows and operational protocols.
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## **EDUCATION**

Bachelor's in Systems Engineering

Universidad Católica Boliviana

2012 – 2017

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## **ADDITIONAL**

English: Professional working proficiency

Spanish: Native

Based in Naples, FL (34105)

Open to Remote or On-Site Roles