

Carlos Loja Guevara

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WORK EXPERIENCE

North Highland

Apr. 2025 – Present

Software Engineering Consultant

Hybrid

North Highland is a global consulting firm, focusing on moving businesses from strategy to reality with award-winning services and technology.

- Led key components of the migration from an on-premise database to Salesforce, designing and building pipelines in Microsoft Fabric to extract, transform, validate, and load large-scale datasets.
- Developed an offline order management platform for a major retail company, enabling store operations to continue when internal systems failed, guaranteeing business continuity during outages.

The Bridge (now North Highland)

May. 2023 – Mar. 2025

Software Engineering Consultant | Sep, 2024 – Mar, 2025

Quito, Ecuador

- Contributed to the migration of a legacy data platform in the educational travel industry, transforming Progress 4GL code into cloud-optimized Spark SQL pipelines running on Microsoft Fabric.
- Refactored and modernized complex business logic to ensure semantic accuracy and reduce technical debt during the migration.
- Collaborated across engineering, data, and architecture teams to design mapping rules, define transformations, and validate end-to-end data consistency.
- Improved maintainability of ETL processes by introducing modular templates and reusable transformation patterns.

Full Stack Developer | May, 2023 – Aug, 2024

- Designed and developed a complete Web3 platform from scratch, enabling validators to join a blockchain network and earn rewards per lunar cycle.
- Led end-to-end architecture across frontend, backend, infrastructure, and deployment using Next.js, Golang, React, TailwindCSS, and GCP.
- Integrated and adapted a new RFID SDK to make an Android inventory app compatible with multiple hardware readers, improving device interoperability.
- Optimized mobile workflows to ensure accurate and efficient tag reading across diverse environments.

ESPOL

May. 2023 – Jun. 2024

Mobile Developer

Remote

ESPOL is one of Ecuador's leading universities, known for its engineering and technology programs, conducting innovation projects to improve campus operations and student safety.

- Developed a campus security mobile application using Flutter and Dart, enabling real-time monitoring and emergency alerting.
- Designed intuitive UI/UX flows in Figma to improve accessibility for students and staff.
- Implemented features for incident reporting, location tracking, and rapid response coordination.
- Collaborated with university stakeholders to refine requirements and optimize the system's reliability.

Shippify

May. 2022 – May. 2023

Jr. Software Engineer

Guayaquil, Ecuador

Shippify is a logistics technology company providing last-mile delivery solutions across Latin America for retailers, e-commerce platforms, and logistics operators.

- Implemented new product functionalities and led the development of a redesigned UI for a core system module, improving usability and performance.
- Built and maintained integrations with new enterprise clients, ensuring reliable data exchange and tailored functionality.

- Contributed to backend services using Express and AWS to support logistics workflows.
- Collaborated with designers and product owners to enhance user experience and streamline delivery operations.

Sudamericana de Software

Sept. 2021 – Dec. 2021

Project Engineer

Guayaquil, Ecuador

Sudamericana de Software provides software solutions for major enterprises in Ecuador, delivering mobile and web applications across multiple industries.

- Refactored and developed new features for the mobile application of a major pharmacy chain, improving overall performance and reliability.
- Enhanced user interactions and streamlined customer-facing workflows through optimized UI flows.
- Worked with Ionic, Angular, and TypeScript to modernize the application while reducing technical debt.

EDUCATION

Escuela Superior Politécnica del Litoral

May 2018 - September 2023

Bachelor of Science, Computer Science

Guayaquil, Ecuador

VOLUNTEER EXPERIENCE

Google Developer Groups Guayaquil

Nov. 2020 – Present

Organizer

Guayaquil, Ecuador

Google Developer Groups (GDG) is a global community program powered by Google, bringing together developers, engineers, and technology enthusiasts to learn, connect, and share knowledge through talks, hands-on events, workshops, and conferences.

- Organized large-scale tech events such as DevFest, Google I/O Extended, and collaborative meetups across multiple Ecuadorian cities.
- Built partnerships with universities, tech companies, community leaders, and sponsors to elevate event reach and engagement.
- Led content curation, selecting speakers and defining agendas aligned with community interests and emerging technologies.
- Directed volunteer teams to coordinate logistics, registrations, audiovisual setup, and attendee experience.
- Grew community engagement by delivering workshops, mentoring new members, and fostering a collaborative and inclusive environment.
- Designed and executed marketing strategies—social media campaigns, announcements, and branding assets—to increase event visibility and attendance.
- Positioned the local GDG chapter as a leading developer community in Ecuador, expanding participation and attracting national-level collaborators.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Public Speaking Skills Professional Certificate by Toastmasters International; AWS Certified Cloud Practitioner; DevOps Foundations; DevOps Foundations: Continuous Delivery/Continuous Integration; DevOps Foundations: Infrastructure as Code; Continuing Education Certificate in Leadership; Online Data Analytics using Machine Learning; Python for Everybody Specialization; Flutter & Dart - The Complete Guide [2020 Edition].
- **Technologies:** React; TypeScript; Next.js; Go; Flutter; AWS; Microsoft Fabric; Spark SQL; Java; Figma; .NET Core; Angular.
- **Skills:** Docencia; Amazon Web Services (AWS); Cloud Native Development; Microfrontend Implementation; Frontend Architectures; Progress 4GL; Spark SQL; Blockchain; Team Leadership; Decision-Making Frameworks; Software Design; Mobile Development; Web Applications; JavaScript; Python
- **Interests:** Tech Community Leadership; Event Organization; Innovation Advocacy; Blockchain; Cloud Computing.