Jordi Atik Cahuasqui Cachiguango

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Professional Summary

Software Engineer and Full-Stack Developer with a strong specialization in **Backend Architecture (NestJS)** and mobile development using **React Native** and **Flutter**. Proven track record in architecting FinTech and digital finance ecosystems, implementing the **CQRS** pattern, integrating identity verification (KYC) providers, and connecting with **VISA** network payment platforms. Solid command of version control with **Git/GitHub** and modern **databases**. Passionate about engineering scalable, secure, and results-driven software solutions.

Work Experience

ITS Utransfer Ibarra, Ecuador
Full-Stack Developer January 2026 – August 2026

- Led the development and integration of the **KYC (Know Your Customer) module** for a digital wallet platform, interfacing directly with **Trulioo**.
- Executed a **strategic migration from Trulioo's SDK to a RESTful API architecture**, enhancing granular control over identity verification workflows and reducing system coupling.
- Integrated payment processing services with certified **VISA network providers**, enabling secure, low-latency transactions within the digital wallet ecosystem.
- Designed and implemented backend architecture using the **CQRS** pattern with **Event Handlers**, enforcing a strict separation between read and write databases to support high-concurrency workloads.
- Built end-to-end features spanning **React Native** mobile interfaces and scalable **NestJS** backend microservices.
- Refactored core data models to boost data consistency, query performance, and horizontal scalability across the wallet database.
- Actively collaborated in agile ceremonies (**Daily Standups**), eliminating technical blockers and iterating rapidly on mission-critical features.

Universidad Técnica del Norte - (UTN Móvil Project - Events Module) Ibarra, Ecuador
Full-Stack Developer - Capstone Project January 2024 – November 2025

- Architected a **scalable RESTful API backend in NestJS**, a cross-platform mobile frontend in **Flutter**, and an administrative dashboard in **Oracle APEX**.
- Implemented the **CQRS** pattern to isolate high-throughput write operations (bulk QR scanning) from real-time read queries, significantly improving throughput under peak loads.
- Enforced secure authentication and role-based access control using **Guards**, protecting sensitive endpoints consumed by the mobile client.
- Engineered **autonomous feature modules** for event and user lifecycle management using **Dependency Injection** and validated **DTOs** via **class-validator**.
- Deployed the event management system into the university's flagship **UTN Móvil** production ecosystem.
- Streamlined attendance tracking for large-scale academic conferences via dynamic **QR code verification**, drastically cutting check-in times.
- Applied **Scrum** principles to sprint planning, backlog grooming, and milestone delivery.

Universidad Técnica del Norte - IT Department Ibarra, Ecuador
Data Analyst Intern March 2024 – June 2024

- Designed and developed **interactive Power BI dashboards** to monitor and evaluate academic and administrative metrics across undergraduate, graduate, and faculty cohorts.
- Engineered end-to-end **ETL pipelines** to ensure robust data cleansing, transformation, and structural integrity.
- Performed **data modeling, normalization, and validation**, establishing reliable data sources for institutional reporting.
- Delivered clear data visualizations to institutional stakeholders, enabling data-informed administrative decision-making.
- Interactive Dashboards: Graduate Students & Faculty · **[View Dashboard Previews]**

Universidad Técnica del Norte - FICA (AENIT 2024) Ibarra, Ecuador
Web Developer May 2024

- Led performance optimization and feature delivery for the official **AENIT 2024 Conference website (WordPress)**, meeting aggressive production timelines.
- Elevated user experience (**UI/UX**) through custom theme development, responsive styling adjustments, and cross-browser testing.

- Integrated dynamic widgets and streamlined speaker asset pipelines for automated event scheduling updates.
- Provided **real-time on-site technical support** to deploy urgent content and layout updates during the conference.

Education

UNIVERSIDAD TÉCNICA DEL NORTE Ibarra, Ecuador
Bachelor of Science in Software Engineering September 2021 – September 2025

Certifications & Achievements

Official Distinction: UTN-Móvil Project Ibarra, Ecuador
Lead Developer & Researcher December 2025

- Formal commendation awarded by the **University Rectorate** for the successful architecture and deployment of the campus mobile ecosystem.
- Project Award Certificate · **[View Certificate]**

Universidad Técnica del Norte - FICA (AENIT 2025) Ibarra, Ecuador
Technical Contributor May 2025

- Coordinated the on-site rollout of the **QR-based Event Management module**, managing real-time attendance validation during the conference.
- AENIT 2025 Certificate · **[View Certificate]**

NASA Space Apps Challenge Quito Quito, Ecuador
Volunteer Software Engineer June 2024 – January 2025

- Built responsive web applications using the **Astro** framework, integrating **Storyblok** headless CMS for dynamic content delivery.
- Coordinated version control workflows via **GitHub**, maintaining continuous integration practices across distributed team repositories.
- Volunteer Service Certificate · **[View Certificate]**

Technical & Additional Skills

Languages:
Spanish (Native), English (Proficient / Advanced)
Programming Languages:
TypeScript, Java, JavaScript, Dart
Frameworks & Runtimes:
NestJS, Node.js, React Native, Flutter, React, Angular
Architecture & Patterns:
CQRS, Event Handlers, Microservices, REST APIs, Dependency Injection
Databases & FinTech:
VISA Network Integration, Trulioo (KYC), PostgreSQL, Oracle, SQL Server
Data & Business Intelligence:
Power BI (ETL pipelines, Data Modeling, Dashboard Design)
Methodologies & Soft Skills:
Scrum, Daily Standups, Cross-Functional Teamwork, Technical Leadership