

Jonathan R. Franco

Software Engineer | Backend Engineering • Fintech • Cloud-Native Systems
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Professional Profile

Software Engineer with experience building and maintaining backend services, payment integrations, cloud-native applications, and distributed systems across fintech and technology consulting environments. Currently working at Devsu on the Deuna digital wallet platform in Ecuador, contributing to payment services, transaction workflows, production support, and new feature development for a large user base.

Hands-on experience with TypeScript, Node.js, NestJS, event-driven architectures, Kafka, Redis, PostgreSQL, AWS, and GCP. Additional background in DevOps, CI/CD, system modernization, data engineering, and AI-powered solutions. Focused on building reliable, scalable software and collaborating across teams to deliver business-critical solutions.

Key Skills

Languages: TypeScript, JavaScript, Python, Go, Java, SQL

Backend & APIs: Node.js, NestJS, FastAPI, Spring Boot, REST APIs, Microservices, API Integrations

Architecture & Messaging: Event-Driven Architecture, Kafka, Distributed Systems, Redis

Cloud & DevOps: AWS, GCP, Docker, CI/CD, Serverless, Cloud Run, Infrastructure Automation

Databases & Data: PostgreSQL, MySQL, BigQuery, Supabase, Neo4j

Frontend: React, Next.js, Tailwind CSS

AI & Modernization: LangChain, AI-Assisted Solutions, Legacy System Assessment, 7Rs Modernization Framework

Engineering Practices: Agile/Scrum, Automated Testing, Observability, SRE Metrics, System Reliability

Professional Experience

Software Engineer – Deuna

Nov 2025 – Present

- Develop and maintain backend services supporting payment operations within Deuna, an Ecuadorian digital wallet platform.
- Implement new features and enhancements across payment services, supporting critical transaction workflows and customer-facing functionality.
- Provide technical support and troubleshoot issues across backend services to maintain service reliability and operational continuity.

- Contribute to the evolution of cloud-native, event-driven services, focusing on scalability, maintainability, and resilient transaction processing.
- Collaborate with engineers and cross-functional teams to deliver changes across interconnected services in a production financial environment.

Technologies: TypeScript, Node.js, NestJS, Kafka, Redis, PostgreSQL, AWS

AI & Application Modernization Engineer — Devsu

2024 – 2025

- Contributed to the development of an AI-powered application discovery and assessment solution to help organizations understand their existing software systems.
- Supported legacy application analysis using the 7Rs framework to inform modernization strategies.
- Helped develop AI-driven insights into application architecture, technical dependencies, and functional components.
- Worked across application analysis, data modeling, and backend integration to support modernization workflows.

Technologies: TypeScript, LangChain, GCP, Supabase, Neo4j

Marketing Technology Specialist – Devsu

2023 – 2024

Sales & Marketing Reporting

- Maintained and optimized reporting pipelines and data sources
 - Built and improved SQL procedures and queries for business insights
- Tech: BigQuery, MySQL, Looker Studio, Airbyte

Marketing Callbacks API

- Developed and maintained APIs integrating HubSpot and third-party services
 - Deployed services using GCP Cloud Run
- Tech: Python, FastAPI, GCP, HubSpot

Airflow Campaign Automation

- Automated marketing campaigns and workflows using Apache Airflow
 - Improved deliverability and operational efficiency
- Tech: Apache Airflow, Python, SendGrid

Devsu Website Maintenance

- Created new sections and pages for the corporate website
- Managed CMS content and performed technical SEO improvements
- Tech: Next.js, Tailwind, Prismic, SEO Tools

Software Engineer – Devsu

2021 – 2023

Kushki Retainer (Fintech)

- Developed microfrontend applications integrated with Kushki payment products
 - Built backend services for financial integrations
- Tech: React, Next.js, Node.js, Go, AWS Serverless

Profiles App (DevOps / SRE)

- Implemented monitoring using SRE metrics
 - Managed CI/CD pipelines and cloud infrastructure
- Tech: GCP, Bitbucket Pipelines

Process Automation Platform

- Created development and production environments in AWS
 - Built CI/CD pipelines and internal tools including an AI-assisted interview app
- Tech: Next.js, Node.js, Firebase, AWS

Devsu Digital Website

- Developed frontend features and reusable components
 - Integrated Prismic CMS
- Tech: Next.js, Tailwind, Prismic

Education

B.Sc. in Software Engineering – Universidad de las Fuerzas Armadas ESPE (2016 – 2021)

Certifications

- Associate Cloud Engineer Certification
- AWS Certified Cloud Practitioner
- Scrum Foundation Professional Certificate (SFPC)
- Scrum Master Certified (SMC)