

FAHARID MANJARREZ

Software Architect · AI Systems Engineer · Fullstack

faharid@hex.ec | Quito, Ecuador (Remote) | github.com/faharid | linkedin.com/in/faharid | iam.faharid.com

PROFESSIONAL SUMMARY

Software Architect with 13+ years of experience building production systems at scale. Proven expertise in distributed backend architecture, event-driven systems, and agentic AI platforms — from fintech infrastructure processing 300k+ daily transactions to multi-tenant SaaS with enterprise clients. Founder and CEO of HEX TECH. I design systems and ship them.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER

BairesDev | Remote · US Clients | Jul 2021 – Present

One Pay — US Fintech | Risk · Servicing · Communications infrastructure

- Worked across three product teams: Risk (fraud reduction), Servicing, and Comms — built the multi-channel notification engine from scratch.
- Architected platform processing 300k+ daily notifications (SMS, Push, Email) with near-zero error rate.
- Event-driven system: DDD, Kafka, Redis, AWS Lambda, SQS/DLQ, DynamoDB — fintech-grade scale.
- PII data security: envelope encryption with AWS KMS across all sensitive pipelines, fintech compliance.
- Integrated Twilio, Braze, Sendgrid, Zendesk, Databricks, Retool. Full observability via Datadog APM.
- Functional TypeScript codebase (fp-ts); contributed to serverless migration strategy and infra decisions.

Fabric — US Serverless eCommerce Platform (fabric.inc)

- Implemented Fabric's headless commerce platform for Universal Lacrosse (universallacrosse.com) end-to-end.
- Serverless-first AWS architecture with Docker; full ownership from onboarding through production launch.

FOUNDER, CEO & SOFTWARE ARCHITECT

HEX TECH | Quito, Ecuador | Jun 2021 – Present

- Founded and bootstrapped a software development company from zero — 8 engineers, \$80k ARR, fully self-funded.
- Oversee all technical decisions, product architecture, team leadership, hiring, and strategic direction.

Xipher — Enterprise Document BaaS | 10 companies · 8,000+ docs/month · 4 SAP clients

- Designed and built a multi-tenant Backend-as-a-Service for electronic document management.
- Custom signing flows, audit trails, regulatory compliance, and deep SAP integration for enterprise clients.

InvoX — Electronic Invoicing SaaS (invox.ec) | Built on Xipher infrastructure

- Full invoicing lifecycle: emission, validation, delivery, and archiving. Recently launched to production.
- SMB-facing commercial UI layer over Xipher's document engine.

Pulsar — Agentic Workflow Orchestration Platform | Multi-agent command center platform.

- Internal platform that clones expert knowledge and voice to automate end-to-end agent-driven workflows.
- Expert clone: RAG context engine (pgvector) + linguistic profiling (memory extract) + AI-evaluated system prompt.
- Agents generate task completions, approvals, workflows, and chat responses autonomously with human-in-the-loop gates.
- Stack: Next.js 14, NestJS, PostgreSQL 16, pgvector, Redis/BullMQ, OpenAI/Anthropic/Grok, MCP multi-server.

AI TRAINER — INFRASTRUCTURE DOMAIN

Bespoke Labs / Nebula Aurora | Remote | 2026

- Trained and evaluated LLMs on complex infrastructure scenarios: incident response, Kubernetes, cloud architecture, and SRE tasks.

WORK EXPERIENCE (CONTINUED)

FULLSTACK DEVELOPER / CO-FOUNDER

Xeon C.L. | Quito, Ecuador | Jun 2019 – Present

- Built custom software solutions across tourism, enterprise, and mobility sectors. Currently advisory/CTO consulting role.
- Integra | Cotel — Purchase orders software
- Camenet | Cartones América — Sales and quotation software
- Vale | Medical appointments app
- GoldenGarbage | Waste recycling app
- Inspire Travellers | Social touristic app
- One | Brand building — purchase orders software
- Passenger | Shared transport app

SENIOR ABAP DEVELOPER & CONSULTANT

Sonda del Ecuador · IT&Apps Consultores · BOC Advisors | Mar 2013 – Aug 2021

- 13+ years of SAP implementations: ERP, S/4HANA, ABAP custom development, SAPUI5/FIORI applications.
- SAP integrations, localization implementations, and enterprise consulting. Last localization project: 2025.

NOTABLE ACHIEVEMENTS

- CensoEcuador — Architected the national census portal on AWS (3-tier, high concurrency, zero downtime). Delivered on time and under budget.
- App Tourism Awards — 1st Place, Destination Guide category. Madrid 2019. Backend architecture and CMS for an AR tourism application.

TECHNICAL SKILLS

Architecture: DDD · Event-Driven · Microservices · Serverless · Multi-tenant SaaS · Agentic AI · RAG

Backend: Node.js · NestJS · Express · TypeScript · fp-ts · REST · GraphQL · ABAP

AI / LLM: MCP · pgvector · BullMQ · OpenAI · LLM-agnostic design · Agent orchestration

Cloud / Infra: AWS Lambda · SQS/DLQ · DynamoDB · ECS Fargate · KMS · Docker · Terraform

Messaging/Data: Kafka · Redis · PostgreSQL · MongoDB · Databricks

Observability: Datadog · Loki · Prometheus · Tempo · Grafana · OTel Collector

Integrations: Twilio · Braze · Sendgrid · Zendesk · GoHighLevel · Retool · SAP/FIORI

Frontend: React · Next.js 14 · Angular · SAPUI5

EDUCATION

Electronic Engineering

Universidad de las Américas

Mechatronic Engineering (8th sem.)

Universidad de las Fuerzas Armadas

PROFESSIONAL DEVELOPMENT

AWS Serverless for Developers

SAP Certified Development Associate — ABAP

SAP S/4HANA Implementation

Microservices with Node, Docker & Kubernetes

Angular 14 Pro

LANGUAGES

Spanish Native

English C1 — Professional proficiency