

Natalia Nava

FULL-STACK SOFTWARE ENGINEER

(949) 872-5338 | nat.jnava@gmail.com | St. George, UT | [linkedin.com/in/nataliajnava](https://www.linkedin.com/in/nataliajnava) | github.com/natnav

SUMMARY

Full-stack software developer with more than five years of experience across the operational, technical and business sides of payment processing. Designed and built Statement Analysis Assistant, a B2B pricing application that led to a developer role. Develops reliable, well-tested systems in Python, FastAPI, React and TypeScript, with an emphasis on correctness and security.

EXPERIENCE

ExpiTrans Inc. Rancho Santa Margarita, CA Mar 2021 – Present

Software Developer Sep 2026 – Present

- Integrate Statement Analysis Assistant with the company CRM as a standalone service using CRM-delegated authentication.
- Develop and deploy the service across its FastAPI backend, React frontend, AWS infrastructure, automated tests and continuous integration pipeline.

Business Development Apr 2025 – Aug 2026

- Recruited, onboarded and trained ISO and agent sales partners through their first merchant submissions.
- Identified manual pricing as a growth bottleneck and built Statement Analysis Assistant to automate it.

Assistant Manager, Client Services Dec 2022 – Mar 2025

- Served as the second-level escalation point and the Clover and Fiserv/First Data specialist for complex terminal and gateway issues.
- Deployed and troubleshoot Clover and Lightspeed POS systems and Ingenico, Verifone, PAX and Dejavoo terminals in card-present environments.
- Integrated NMI, Authorize.net, USAePay, the proprietary Troute gateway and partner APIs.
- Performed certification testing to connect the company to Avidia Bank.
- QA-tested gateway files, terminal configurations and new hardware models before release.
- Onboarded merchants to acquirer platforms and the CRM and automated batch setup with SQL.
- Enrolled all active merchants in PCI compliance as the company's contact for SecurityMetrics.

Technical Support Specialist and Trainer, Client Services Mar 2021 – Nov 2022

- Resolved about 200 support tickets per month, 40% above the team median, across hardware, authorization, processing and risk issues.
- Managed chargebacks and disputes for merchants, agents and ISOs.
- Trained new specialists on payment systems and escalation procedures.

SELECTED PROJECTS

Statement Analysis Assistant Solo full-stack app: Python, FastAPI, React, TypeScript, AWS 2026

- Designed and built an application that turns merchant processing statements into cost analysis, competitive pricing scenarios and proposals.
- Structured a six-stage workflow around one shared Pydantic model, backed by 1,300+ tests.
- Implemented all financial math with Python's Decimal type; AI never sets a price or proposal figure.
- Built TSYS and Fiserv parsers that reconcile extracted fees to printed totals.
- Separated internal margins from merchant output so proposals never expose buy rates.

Lab Result Explainer Three-person team: Next.js, TypeScript, Supabase, Claude API Jul – Aug 2026

- Rewrote the project roadmap, divided the work into three parallel tracks and coordinated integration across the provider interface, patient interface and processing pipeline.
- Built Claude extraction with Zod validation, deterministic classification and MedlinePlus explanations.
- Implemented two provider approval gates and fail-safe handling for critical results.
- Matched 38 of 38 values in the extraction evaluation, with 207 automated tests covering the application.

Buildtree Solo native iOS app: Swift, SwiftUI, Supabase, Deno 2026 – Present

- Design and build an iOS application that turns video and blog tutorials into structured projects with materials, tools and timestamped steps.
- Built a Deno import pipeline that validates and saves drafts in one transaction.
- Enforced account isolation with PostgreSQL row-level security, verified by 271 automated tests in CI.

SKILLS

Languages	Python, TypeScript, SQL, Swift
Frameworks	FastAPI, React, Next.js, SwiftUI
Testing	pytest, Vitest, Playwright
Infrastructure	AWS, Terraform, Docker, PostgreSQL, Supabase, GitHub Actions

EDUCATION

Dixie Technical College Full-Stack Software Development, St. George, UT Expected Dec 2026

California State University, Long Beach BS, Information Systems, Long Beach, CA 2020