

Impact Summary

- Senior backend engineer with 7+ years building APIs & event-driven systems on AWS.
 - At Stride Health, built and owned payment infrastructure that onboarded 26,000+ users and processed \$4M+ across 7 enterprise partners including Lyft and DoorDash.
 - Deep experience with TypeScript, Postgres, and cloud-native architecture.
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Skills

- **Languages:** TypeScript, SQL, Python
 - **Backend:** Node.js, AWS Lambda, EventBridge, SQS, SES
 - **Data:** Postgres, DynamoDB, Redis
 - **Tooling:** AWS CDK, Jest, TypeORM, Terraform
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Experience

Senior Software Engineer, Backend *Stride Health, San Francisco, CA* *May 2024 – Present*

- Led backend architecture for a fintech platform supporting distributed payments.
- Designed serverless, event-driven workflows using AWS Lambda and EventBridge to ensure financial data consistency across payment processing and reconciliation.
- Built and owned a transactional and scheduled email platform using AWS SES, supporting tens of thousands of users.
- Built critical account lifecycle features including manual card reissuance for frozen/closed accounts, automated inactive application closure at 60 days, and MFA-gated phone number updates.
- Improved data integrity between internal user profiles and Unit (banking partner), ensuring address and contact changes propagated reliably across systems.
- Implemented observability dashboards and alarms for critical services using AWS CDK.

Software Engineer, Backend *Stride Health, San Francisco, CA* *Feb 2021 – May 2024*

- Built and maintained core backend APIs for an insurance brokerage B2B platform.
- Led refactors of foundational services to improve scalability and API standards.
- Designed and implemented event-based processing using AWS EventBridge.
- Owned payments-related APIs from technical design through implementation.
- Improved infrastructure and developer experience via Terraform and CI/CD enhancements.

Software Engineer, Full Stack *SavantX, San Luis Obispo, CA* *June 2018 – Jan 2021*

- Designed and implemented RESTful backend APIs using Python, Flask, and MongoDB for a secure data management platform built under a U.S. Air Force contract.
 - Implemented automated testing across backend and frontend systems using unittest and Jest.
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Education

B.S., Computer Engineering, 2018, California Polytechnic State University, San Luis Obispo, CA

Personal Projects

BART Departures TRMNL Plugin – *Liquid, JavaScript* ([GitHub](#))

- Built a "TRMNL" E-Ink display plugin displaying real-time BART departure data.

Smoke Signal Campsite Availability Watcher – *Typescript, Cloudflare Wrangler* ([GitHub](#))

- Built a campsite availability watcher that notifies users when a desired weekend opens up.
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