

Jonathan Apostol

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SUMMARY

Staff Software Engineer with 9 years of experience scaling distributed systems in fintech and enterprise security. Proven track record leading cross functional technical initiatives, migrating monolithic architectures to microservices, and driving DEIB culture.

EXPERIENCE

Senior Software Engineer

Apr 2026 - Present

Truemed | Austin, TX (Remote)

- Reduced technical debt by safely migrating GraphQL mutations to class-based view backed APIs.
- Implemented reconciliation APIs, enabling merchants to programmatically fetch historical transaction and payout information.

Staff Software Engineer

Jan 2024 - Jan 2026

Affirm | San Francisco, CA (Remote)

- Partner/Merchant Interfaces Tech Lead, built and maintained core services and integrations supporting \$10B+ in annual volume.
- Collaborated across the engineering org to deploy, test, and launch core infrastructure and 50+ services in UK region.
- Added OAuth 2.0 Client Credentials and mTLS authentication support for outgoing partner webhook requests.
- Designed config-driven API integration framework, reducing dev effort to support new partner platforms from months to weeks.
- Collaborated with cross functional stakeholders to redesign and improve localization processes and pipelines.

Senior Software Engineer

Mar 2021 - Dec 2023

Affirm | San Francisco, CA (Remote)

- Mentored junior engineers, interns, and apprentices resulting in 2 full-time conversions and promotion.
- Implemented Affirm's Shopify Payments App API integration and migration, transacting on \$1B+ in annual volume.
- Migrated monolith backend components to micro-service architecture, improving developer experience by reducing time to deploy.
- Developed onboarding flow enabling merchants to sign up without leaving the partner platform, increasing conversion by 8%.
- Co-led Asian Heritage Alliance ERG, collaborating with the People team and executing on DEIB initiatives for 200+ member community.

Senior Software Engineer

Nov 2020 - Mar 2021

Netskope | Santa Clara, CA (Remote)

- Integrated Netskope Private Access features into the unified admin dashboard for beta, launch, and expansion.
- Authored and optimized on-call runbooks, reducing mean-time-to-resolution by 6%.
- Led functional area product design discussions, breaking down tasks and delegating to junior engineers.
- Collaborated with product managers and UX designers to define and refine user flows.

Software Engineer

Feb 2019 - Nov 2020

Netskope | Santa Clara, CA

- Developed reusable Angular UI components for the Netskope design system.
- Re-platformed front-end components from jQuery / AngularJS to Angular 8+.
- Implemented UI component tests to ensure reactive forms correctly validate input.
- Redesigned DLP Profile and Rule UI, implementing advanced searching for 2k+ entities and enhancing rule complexity.
- Designed UI for SMTP Proxy configuration, enabling company emails to be scanned for DLP violations.
- Improved developer productivity by developing Python script to manage Docker environment configs.

Software Engineer

Sept 2017 - Feb 2019

Albertsons Companies | Pleasanton, CA

- Developed Angular 6 / Bootstrap responsive and accessible SPA for customer-facing e-commerce site.
- Implemented OAuth Implicit Flow user authentication with Okta Auth JS.
- Created Coupon API with caching layer to reduce response time by over 50% in Spring Boot microservice architecture.
- As customer support application SME, analyzed and deployed fixes for production issues.
- Automated sending of digital receipts for all grocery delivery orders across 2000+ stores.
- Operationalized daily data aggregations for financial reconciliation reporting with Python scripts.

SKILLS

Languages: Python, TypeScript, JavaScript, Java, SQL, HTML, CSS

Frameworks: Flask, React, Angular, Spring Boot, Django, Node.js

Tools: VS Code / Cursor, Claude Code, Git, Jira, Kubernetes / Docker, AWS, OpenAPI, Chronosphere

EDUCATION

Bachelor of Science in Computer Science, Minor in Japanese

Jun 2017

University of California, Davis | Davis, CA