

Jack Siu

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SUMMARY

Platform engineer with 5 years of experience building production-grade infrastructure and developer tooling for hyperscale cloud environments. Deep expertise in Terraform, Kubernetes, and OCI services, with a focus on automating CI/CD pipelines and unblocking distributed engineering teams. Track record of cutting onboarding time, deployment friction, and incident response latency across multi-region systems.

TECHNICAL SKILLS

Cloud / Infra: Oracle Cloud Infrastructure (OCI), Kubernetes, Docker, Terraform, Helm, Linux

DevOps & Observability: CI/CD (Jenkins, Git-based pipelines), IaC, Prometheus, Grafana, Maven

Languages: Python, Bash, TypeScript, JavaScript, Node.js, Java, SQL (MySQL, Oracle)

AI Tooling: Claude Code, Cursor, Copilot

Currently Exploring: ArgoCD (GitOps), Backstage (IDP Scaffolding), Go (Golang)

EXPERIENCE

Oracle Cloud Infrastructure

Seattle, WA

Software Development Engineer II, Data Platform

June 2022 – April 2026

- Architected multi-region infrastructure on OCI using Terraform and Kubernetes; codified provisioning across distributed data services and standardized deployment workflows.
- Built observability stacks with Prometheus and Grafana (metrics, dashboards, alerting) that surfaced regressions before they reached customers; alerting prevented a customer-facing outage impacting a major downstream consumer.
- Automated incident triage with an event-driven backend service that auto-creates, routes, and resolves tickets from system events — eliminating ~30 minutes of manual handling per ticket across 20+ tickets/week (~10 hours/week of on-call toil) on a high-availability critical path.
- Engineered real-time streaming pipelines that parse, transform, and emit incident telemetry to internal consumers, enabling downstream teams to programmatically react to production events without paging on-call engineers.
- Scaled developer onboarding with internal tooling and self-serve workflows that cut ramp-up time by 60–70%; authored runbooks and best-practice docs adopted across the engineering org.
- Hardened production security by migrating hardcoded credentials to Vault, remediating package vulnerabilities, and patching dependencies across services; drove code reviews and on-call debugging that raised team-wide engineering standards.

Trinnex

Philadelphia, PA

Backend Software Engineer

Aug. 2020 – May 2022

- Built and shipped full-stack features (Angular/TypeScript, Node.js, Oracle) for secure government platforms operating under strict compliance and audit requirements.
- Engineered backend data pipelines and GeoJSON visualization services; optimized PL/SQL systems for query performance across compliance-bound datasets.

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Lead Software Engineer & Founder

- Architected and shipped a cross-platform iOS/Android app with subscription monetization via RevenueCat; integrated in-app purchases, analytics, and release automation.
- Designed CI/CD pipelines and backend services for real-time image processing and content delivery, owning the full stack from infrastructure to UX.

EDUCATION

Rutgers University – New Brunswick

School of Arts and Sciences, Bachelor of Arts in Computer Science

New Brunswick, NJ

Sept. 2016 – May 2020