

Sphoorti Metri

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SUMMARY

Senior Software Engineer with 9 years of experience building backend systems. Spent the last 4 years at Cloudflare, building at internet scale, shipping Go services on a global edge network handling >10M HTTP requests per second. Daily user of OpenCode + Claude across architecture, code generation, testing, and review.

EXPERIENCE

Systems Engineer, *Cloudflare*, San Francisco Bay Area Feb 2022 - May 2026

- Designed and shipped Go services on Kubernetes, powering APIs that operate on Cloudflare's global edge, where the network averages tens of millions of HTTP requests per second.
- Adopted an AI-native development workflow using opencode with Claude (Opus for architecture and project planning, Sonnet for code generation and iteration), cutting time from spec to production by ~50%.
- Shipped features for large enterprise customers, translating their requirements into functional specs and code in production.
- Owned production services through the full lifecycle: on-call rotation, incident response, postmortems, and follow-through on action items.
- Drove safe rollouts of infrastructure changes across Cloudflare's global server fleet without disrupting active connections.

Software Development Engineer, *Applied Systems Engineering*, Campbell, CA Aug 2018 - Feb 2022

- Built data extraction pipelines converting unstructured network protocol output into structured, queryable datasets ready for machine learning workflows.
- Designed a Python/SVM classifier that identifies SCADA substation connections via network signatures and automatically retrieves the correct configuration files, cutting field engineer onboarding time by 90% and eliminating config-mismatch errors.
- Worked directly with customers to validate new features and contributed to product roadmap discussions.

Software Engineer Intern, *Delta Electronics*, Fremont, CA Jun 2017 – Dec 2017

- Built OpenHardwareAPIs (github.com/DeltaProducts/OpenHardwareAPIs), a Python library that controls bare-metal switch hardware

SKILLS

Languages: Go, Python, SQL, Bash

Systems & Linux: Linux internals, iptables, systemd, Unix domain sockets, kernel-adjacent debugging

Networking: BGP, anycast, BYOIP, IPv4/IPv6, HTTP, TCP/UDP, CDN architecture

Distributed Systems: Kubernetes, Docker, distributed tracing, large-fleet rollouts

Data: PostgreSQL, schema design, query optimization

Observability & SRE: Prometheus, Grafana, on-call, incident response, postmortems, SLOs

APIs: REST API design, versioning, backwards compatibility

Practices: CI/CD, Infrastructure-as-code workflows, AI-assisted development

EDUCATION

M.S., Computer Engineering, San José State University 2016 – 2018 | GPA 3.63 / 4.0

B.Tech., Electronics & Communications Engineering, GITAM University 2011 – 2015 | GPA 8.38 / 10.0