

PROFESSIONAL SUMMARY

Staff-level Software Engineer specializing in large-scale, highly available platform systems supporting latency-sensitive workloads in production. Proven experience designing and operating distributed services, managing high-throughput traffic, and owning reliability, performance, and operational health at scale. Experienced in applying GitHub Copilot as a productivity multiplier in large production codebases, balancing acceleration with correctness, security, and long-term maintainability.

CORE TECHNICAL FOCUS

- Distributed systems, service orchestration, and platform engineering
- Internal platform APIs (REST, OpenAPI, client generation)
- Reliability engineering: SLOs, observability, incident response, postmortems
- Cloud-native production systems (AWS, Azure)
- AI-assisted development with GitHub Copilot

EXPERIENCE

Senior Software Engineer — Platform Systems | Torc Robotics (Sept 2024 – Present)

- Designed and operated a high-availability, event-driven telemetry platform using AWS IoT, Kinesis, Lambda, and DynamoDB with strict latency and reliability requirements.
- Owned platform APIs documented via OpenAPI and consumed by multiple downstream engineering teams.
- Defined and monitored SLOs; built Datadog dashboards and synthetic tests to manage system health and operational risk.
- Applied GitHub Copilot for code generation, refactoring, and test creation, while enforcing correctness through reviews, automated testing, and architectural validation.
- Automated infrastructure and deployments using Terraform and GitHub Actions.
- Provided technical leadership, mentoring engineers and guiding architectural decisions.
- Served in on-call rotations, leading production incident response and postmortems.

Systems Architect | Ancera (Dec 2020 – Sept 2024)

- Owned Azure infrastructure strategy balancing performance, reliability, cost, and security.
- Designed edge AI solutions improving image-recognition performance by 700%.
- Led DevSecOps initiatives and achieved SOC 2 compliance.
- Built MLOps workflows and managed private container and artifact registries.

Lead Integration Engineer | Subway (Jul 2019 – Dec 2020)

- Designed high-availability APIs serving millions of users daily.
- Led loyalty and guest platforms built on AWS Lambda and API Gateway.
- Participated in on-call rotations and production incident response.

EDUCATION

- MS, Computer Science — Southern Connecticut State University
- BS, Psychology — Southern Connecticut State University