

Nathan Bashant

(925) 876 - 3933 | San Francisco, CA | nathanbashant193@gmail.com

PROFESSIONAL EXPERIENCE

Software Engineer II

September 2025 - Present

Cisco Systems | San Jose, CA

- Partnered with engineers and internal users on Cisco's vManage team to identify pain points in network management workflows and ship backend tooling that improved day-to-day developer productivity.
- Designed and maintained backend services and REST APIs (Python/Java/C++) supporting network management workflows, improving data consistency across internal tools and reducing failure-prone manual steps.
- Owned end-to-end delivery of internal applications (services + UI) that made complex vManage workflows easier to complete, troubleshoot, and operate reliably.
- Profiled and optimized critical backend paths, reducing memory usage by 15-25% on high-traffic endpoints and improving overall service stability under load.
- Drove software quality improvements with unit and targeted integration testing, reaching 85% coverage on critical modules and reducing escaped defects by 30%.

Software Engineer I

August 2023 - September 2025

Cisco Systems | San Francisco / Remote

- Built Python-based backend tooling and automation services (REST endpoints + standardized execution) that improved repeatability and cut workflow execution time by 35-55% across teams.
- Developed a web-based automation client integrated with Cisco NDFC controller APIs to validate inputs against live system state and provide fast feedback, increasing first-pass success to 92%.
- Implemented workflow engine reliability features including structured logs, run summaries, pre-checks, dry-run validation, and consistent error reporting—preventing 1-3 high-risk misconfigurations/month.
- Collaborated across teams to evaluate design tradeoffs, prioritize high-leverage backend improvements, and ship iterative releases that balanced speed with maintainability and operational safety.

Software Developer Intern

May 2023 - August 2023

Cisco Systems | Research Triangle Park, NC

- Created an automation tool using Python + REST APIs to automate delivery/migration tasks, reducing manual effort by 40-60% and improving migration speed by 20-35%.
- Increased reliability via parameterized templates and repeatable playbooks, reducing rework from configuration drift by 20-30%.

Full Stack Software Engineer Intern

May 2022 - August 2022

S&C Electric Company | Alameda, CA

- Built Python/PowerShell automation to improve lab/device availability to 92% uptime (from 86-87%), increasing test throughput and reducing developer interruptions.

EDUCATION

- Gonzaga University — Bachelors in Computer Science, Minor: MIS • May 2024
- Cisco Certified DevNet Associate — Jul 2023 (Link)

SKILLS

Python • Java • C++ • REST APIs • JavaScript • TypeScript • SCSS • HTML • SQL • Linux/Unix • CI/CD • XML • React • Distributed Systems • Error Handling • Performance Profiling • gRPC • Kubernetes • Cloud Networking/APIs