

SUMMARY

- Software engineer focused on building high-impact automation platforms for cloud, compute, and large-scale log analysis workflows.
- Strong Golang, Python, Linux, API design, and distributed systems foundation with hands-on ownership of production backend and web platforms.
- Proven record of improving system performance, including 98% response-time reduction and 60% reduction in engineering analysis effort through GoParselt.
- Experienced in async processing, concurrent archive extraction, session-based workflows, telemetry, enterprise authentication, and AI-assisted analysis systems.
- Active builder of agentic AI and MCP-based workflows that convert complex operational data into structured engineering insights.

SKILLS

Technical Skills	Leadership Skills
Golang / Python	Technical Ownership
Distributed Systems	Architecture Thinking
System Design	Product-minded Execution
Linux / Cloud-native Systems	Cross-team Collaboration
Kubernetes / Docker	Mentoring and Enablement
API and Platform Design	Clear Technical Communication
Async and Concurrent Systems	Decision Making
Observability / Telemetry	Delivery Accountability
PostgreSQL / Data Modeling	Reliability Mindset
React / TypeScript	Continuous Learning
Agentic AI / MCP Workflows	Stakeholder Alignment
Automation / CI-CD	Engineering Excellence

EXPERIENCE

Cisco Systems Inc | Software Engineer – II | June 2025 – Present

- Own platform and cloud automation initiatives within Cisco Compute Engineering for server, Fabric Interconnect, and Intersight analysis workflows.
- Architected and delivered GoParselt, a production log-analysis platform with a Golang backend, concurrent archive extraction, async scanning pipeline, session-based processing, and a Fusion web experience.
- Reduced system response time by 98% through parser pipeline optimization, result rendering improvements, session recovery, and more efficient backend/frontend data flow.
- Automated high-volume log bundle analysis, reusable method execution, and report generation, reducing engineering analysis effort by 60% for deeply nested UCS and Intersight evidence bundles.
- Extended the platform toward AI-assisted engineering workflows using Circuit API, MCP concepts, telemetry, and multi-agent analysis to generate structured investigation summaries from large log datasets.

Cisco Systems Inc | Technical Engineer – II | April 2025 – June 2025

- Led an end-to-end defect orchestration initiative for cross-functional engineering teams, improving visibility across defect intake, investigation, and follow-up workflows.

- Built a Cisco SD-WAN automation framework that standardized data collection and workflow execution, improving operational efficiency by 50%.
- Converted recurring engineering workflows into reusable automation patterns, reducing manual coordination and improving consistency of technical handoffs.
- Mentored junior engineers on debugging methodology, automation design, and practical production-support workflows.

Cisco Systems Inc | Technical Engineer - I | August 2023 – March 2025

- Analyzed complex Cisco Catalyst Center issues across platform, application, and workflow layers, translating field symptoms into actionable technical findings.
- Built multiple internal engineering tools to automate repetitive diagnostics, orchestrate complex workflows, and reduce manual investigation time.
- Authored technical design and product analysis documents for Cisco Catalyst Center, improving knowledge reuse across engineering teams.
- Partnered with engineering stakeholders to analyze logs, isolate failure patterns, and improve operational playbooks for recurring product issues.

Cisco Systems Inc | Technical Engineer - Intern | January 2023 – July 2023

- Built an internal knowledge portal for engineers to quickly access frequently used operational and product data.
- Redesigned the backend using FastAPI, improving response times and overall system performance by 40%.
- Implemented frontend state management and safer data handling to improve usability, responsiveness, and reliability for internal users.

PROJECTS

GoParselt | May 2025 – Present

- Internal Cisco Compute log-analysis platform with a Golang backend, Fusion web UI, CLI/API surfaces, and reusable analysis method catalog.
- Built session-based processing across upload, concurrent archive extraction, async scanning, result review, telemetry, enterprise auth, and method execution.
- Reduced system response time by 98% and engineering analysis effort by 60% across UCS, Fabric Interconnect, and Intersight log bundles.
- Extended the platform toward AI-assisted analysis using Circuit API, MCP workflow orchestration, and parallel agents for structured report generation.

GoDevOps | January 2025 – Present

- Golang deployment orchestration service for managing containerized server workloads through HTTP REST APIs.
- Designed non-blocking execution flows for long-running deployment commands, improving API responsiveness and operational control.
- Built Docker/containerd-compatible runtime packaging with environment-based configuration for repeatable deployment.
- Added guarded command execution and state handling patterns to reduce deployment drift across repeated operations.

WebexLite | November 2025 – Present

- Re-implemented a Webex-style collaboration client in Flutter with a focus on lightweight performance and minimal UI overhead.
- Designed cross-platform application flows for messaging-oriented interactions while keeping the client portable across Flutter targets.
- Used the project to explore lean client architecture, state handling, and performance tradeoffs in real-time communication interfaces.

Gobi | September 2025 – Present

- Go-based command-line client for interacting with remote file browser services across Linux, macOS, and Windows.

- Built upload, download, delete, and listing workflows with aliases, environment-based configuration, and token/user authentication support.
- Implemented smart directory handling for recursive uploads and downloads, reducing manual file-management steps.
- Added concurrent directory uploads to improve throughput for larger file transfer operations.

Migration Assistant | January 2024 – April 2025

- JavaScript-based workflow dashboard for generating automated Methods of Procedure (MoP) for network migration planning.
- Reduced manual planning effort by 80% through automated data collection, transformation, and document generation.
- Integrated internal APIs to convert migration inputs into consistent, repeatable execution plans.

EDUCATION

Lakshmi Narain College of Technology & Science | B. Tech. | 2019-2023

- Top Performer in the college with 9.21 CGPA.
- Worked on multiple projects which are still in use today.
- Achieved 1st position in Arduino programming competition.

Cambridge Sr. Sec. School | Senior Secondary (XII)

- Top Performer in Computer Science with 99 out of 100 marks.
- Top Performer in School with 92.2%
- One of the district toppers in Computer Science Olympiad.

CERTIFICATIONS

- Cisco Certified DevNet Professional - Datacenter | Cisco
- Cisco Certified DevNet Associate | Cisco
- Cisco Certified Network Associate | Cisco
- Introduction to Relational Database and SQL | Coursera
- Open-Source Software Development Methods | Coursera

AWARDS AND ACKNOWLEDGEMENTS

- Gold performer in automation skills at Cisco.
- Recognized by Cisco leadership for high-impact engineering automation and platform delivery.
- Recognized as one of the best performing students at college.