Daniel Slapelis

Infrastructure Engineering | Platform Automation | DevOps | Applied AI

(585) 261-3121 | dan@slapelis.com | slapelis.com/work

SUMMARY

Software and infrastructure engineer with 8+ years of experience building and operating cloud platforms, automation systems, and production applications. Combines hands-on software development with infrastructure architecture and technical leadership, from owning client engagements to guiding engineering teams. Focused on making complex systems reliable, simplifying delivery, and building tools that help developers work effectively.

TECHNICAL SKILLS

Cloud and infrastructure: GCP, AWS, Kubernetes, Kafka, Terraform Cloud/Enterprise, Docker, Helm

Delivery and observability: GitHub Actions, Jenkins, GitLab CI, CircleCI, Splunk, New Relic, Flux

Software and AI: Python, Django, Go, TypeScript, React/Next.js, LangGraph, LangChain, RAG, PostgreSQL, MySQL, Redis, Supabase, Swift/iOS

PROFESSIONAL EXPERIENCE

StackSloth | Founder / Principal Software Engineer

February 2025 - Present | stacksloth.com

- Own client engagements from discovery and solution scoping through statements of work, contracts, and application delivery.
- Developed agentic tooling for automated client discovery/vetting and outreach, with human-in-the-loop escalations.

Client Work: Commercial Real Estate Photography Firm | slapelis.com/work/operations-platform

- Sold, scoped, and independently delivered a fixed-price engagement, replacing a commercial real estate photography company's spreadsheet operations with a three-portal Next.js/Supabase platform now used daily by staff across two countries.
- Architected an RLS-first Postgres backend with dynamic RBAC and integrations with Dropbox, Slack, QuickBooks, Resend, and Metricool.
- Migrated about 1,000 historical records into production and ran ongoing client feedback reviews and change-order management.

Intuit Credit Karma | Staff Software Engineer

December 2021 - August 2026 | Charlotte, NC

- Led five engineers building a Django automation platform adopted as the Platform Engineering organization’s standard, automating GCP infrastructure, Kafka topics, DNS, and Kubernetes service provisioning.
- Automated VPC Service Controls exception workflows through a Django-backed Slack bot, coordinating developer intake, security approvals, Jira tracking, and Terraform pull requests; handled 100+ requests per week at peak, saving an estimated two engineering hours per request.
- Managed nine Kubernetes clusters and nine Kafka clusters in GCP as part of the infrastructure team, alongside company-wide Terraform Enterprise infrastructure and operations.
- Maintained company-wide Helm charts and Flux GitOps configurations; supported Kubernetes upgrades and configured resource requests, limits, and autoscaling.
- Created automated Terraform plan/apply workflows in CircleCI that became the standard deployment path before Terraform Enterprise was introduced.

- Built a RAG-based auto-approval agent for low-risk Terraform pull requests, targeting a weekly two-engineer on-call rotation spent largely on manual approvals; validated in non-production shadow mode with accurate decisions, projecting 80 engineering hours saved per month.
- Designed the reference agent architecture for the automation platform, with confidence scoring and human-review escalation, which teams were directed to follow when building new agents.
- Improved reliability through multi-region high availability in GCP, closing alerting gaps, and expanding capacity; participated in SEV0 incident response to investigate owned services.

NextLink Labs | Lead DevOps Engineer

April 2019 - December 2021 | Remote

- Led AWS infrastructure and application delivery engagements for approximately ten clients, primarily executing independently; owned technical direction, scope, cost estimates, implementation, and client communication through completion.
- Built custom Terraform modules and CI/CD pipelines to migrate manually provisioned AWS infrastructure to version-controlled Infrastructure as Code, reducing deployment time and infrastructure complexity.
- Built Kubernetes environments and application Helm charts, including automated load balancer configuration, to modernize deployment and cloud integration.
- Modernized legacy applications already migrated to AWS, reducing infrastructure costs and simplifying operations; delivered backend development and production deployment for client web applications.

Paychex | Systems Engineer

February 2018 - April 2019 | Rochester, NY

- Developed internal Django tools to automate provisioning and management of developer infrastructure across the engineering organization.
- Operated enterprise on-premises compute and storage infrastructure, including Cisco UCS, Dell ECS, IBM XIV, and Infinidat.

PRODUCT ENGINEERING EXPERIENCE

WedLoop

December 2025 - Present | wedloop.io | slapelis.com/work/wedloop

- Built and operate a production AI-powered SMS concierge; served 200+ guests and handled 2,000+ messages.
- Designed LangGraph workflows with explicit confidence thresholds and human-in-the-loop escalation to reduce incorrect or inappropriate responses.
- Implemented automated agent testing pipelines to evaluate response consistency and quality.
- Implemented messaging consent and opt-out flows, delivery safeguards, and usage tracking; owned infrastructure, security, CI/CD, observability, and cost controls.

Navver

February 2019 - Present | navverapp.com | slapelis.com/work/navver

- Built and operate a production iOS/CarPlay navigation app serving 400 monthly active users and 20+ paying users, integrating turn-by-turn routing with route-based weather forecasts.
- Integrated mapping and weather APIs, managing latency, data freshness, and visualization tradeoffs; secured Apple CarPlay approval and implemented the CarPlay experience.

EDUCATION

Rochester Institute of Technology | B.S. in Cybersecurity

August 2014 - May 2018 | Rochester, NY