

Fabio Stancik Rodrigues

Senior DevOps & Cloud Engineer | Infrastructure as Code | Python Automation | Secure & Cost-Optimized Platforms
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Professional Summary

Senior DevOps and Cloud Engineer with 10+ years of experience designing, automating, and operating enterprise-scale cloud environments across AWS, Azure, and GCP. Expert in Infrastructure as Code, Python-based automation, CI/CD pipelines, and cloud security. Proven leader in large-scale cloud migrations, legacy infrastructure modernization, and delivery of secure, highly available, and cost-optimized cloud platforms. Strong collaborator with architects and engineering teams to translate business requirements into resilient, production-ready cloud solutions.

Core Skills & Technologies

Cloud Platforms: AWS, Microsoft Azure, Google Cloud Platform

Infrastructure as Code & Configuration: Terraform, CloudFormation, Ansible, Salt, Packer

Automation & Programming: Python, PowerShell, Boto3, Serverless Automation (Lambda, EventBridge)

CI/CD & DevOps Practices: CI/CD Pipeline Design, Automated Deployments, GitHub Actions, Azure DevOps

Containers & Cloud Compute: Docker, Kubernetes, Amazon EKS, Azure AKS, AWS App Runner

Monitoring & Observability: CloudWatch, Prometheus, Grafana, SolarWinds, Nagios

Security & Governance: IAM, KMS, WAF, GuardDuty, Security Hub, CIS Benchmarks

Cost Optimization (FinOps): Savings Plans, Rightsizing, Cost Allocation, Resource Lifecycle Automation

Platforms & Operating Systems: Linux, Windows Server, VMware vSphere / ESXi, Hyper-V

Professional Experience

Senior Cloud Engineer – Sunoco LP | Calgary, AB, Canada | May 2021 - Present

- Designed, operated, and optimized large-scale AWS environments supporting **350+ EC2 instances across three regions**, enabling highly available, latency-sensitive, and business-critical workloads.
- Led end-to-end cloud migration initiatives for **60+ on-premises applications and virtual machines**, improving platform reliability, scalability, and operational resilience while reducing infrastructure costs.
- Architected compute and scaling strategies using **EC2 Auto Scaling Groups, Spot Instances, workload isolation, and cost controls**, aligning performance requirements with financial governance.
- Built **event-driven automation and deployment pipelines** using Python, Boto3, Lambda, EventBridge, Terraform, and CloudFormation, significantly reducing manual operations and configuration drift.
- Designed and implemented **enterprise backup and disaster recovery architectures** across multiple AWS accounts, strengthening business continuity and recovery objectives.
- Partnered closely with Solutions Architects and application teams to design and deliver **secure, cost-optimized, and production-ready AWS architectures** aligned with business and compliance requirements.

Key Achievements:

- Provisioned and operated a broad AWS service portfolio including **EC2, RDS, S3, VPC, EBS, FSx, Storage Gateway, AWS Backup, Lambda, WorkSpaces, AppStream, and App Runner**.
- Architected and deployed **global Virtual Desktop Infrastructure (VDI)** solutions using AWS WorkSpaces and AppStream, supporting **500+ enterprise users** with improved performance, security, and cost efficiency.
- Implemented **FinOps best practices** through Savings Plans, rightsizing initiatives, and automated resource lifecycle management, driving sustained reductions in monthly AWS spend.
- Enforced cloud security best practices through **IAM governance, encryption with KMS, WAF protections**, and continuous monitoring for vulnerabilities and compliance gaps.
- Standardized infrastructure provisioning using **Terraform and CloudFormation**, reducing deployment time and ensuring consistency across environments.
- Led adoption of **AI-assisted cloud operations**, developing Python-based tooling and integrating LLM-driven workflows to improve operational efficiency and automation capabilities.

Senior DevOps Engineer – Motorola Solutions | Vancouver, BC, Canada | Aug 2016 – May 2021

- Managed and operated **350+ physical and virtual servers**, storage platforms, and network appliances supporting globally distributed engineering and development teams.
- Provided **24/7 operational support** for mission-critical engineering platforms including **Jira (Server & Cloud), Confluence, Crowd, Bamboo, Bitbucket, and Artifactory**, ensuring high availability and consistent performance.
- Designed and developed **Python-based automation and REST API integrations** to streamline asset management, license tracking, monitoring, and operational reporting, significantly reducing manual effort.
- Led the **planning and execution of a full data center relocation**, migrating servers, storage, and networking infrastructure while redesigning rack layouts, power distribution, and airflow for improved efficiency and reliability.
- Coordinated application release testing and deployment activities, ensuring stable and secure rollouts with minimal service disruption.
- Designed and implemented a **cross-office file synchronization solution** using FreeNAS, improving data consistency and collaboration across geographically distributed teams.

Key Achievements:

- Maintained and upgraded **Atlassian and Artifactory platforms** over four years with **zero major outages**, supporting thousands of users across engineering organizations.
- Built **automated asset and license management dashboards** using Python and Atlassian REST APIs, improving visibility and reducing operational overhead.
- Managed hybrid environments spanning **on-premises infrastructure and cloud-based services**, overseeing OS, hardware, and application lifecycle upgrades.
- Proactively remediated security vulnerabilities and executed patching strategies to maintain compliance and system integrity.
- Established and maintained a **well-organized data center environment**, including structured cabling and labeling standards that improved troubleshooting and maintenance efficiency.

Linux System Administrator - Ericsson | Montreal, QC, Canada | Jan 2016 – July 2016

- Provided primary administration and operational support for **two enterprise Application Lifecycle Management (ALM) platforms** serving **35,000+ users globally** across **15 Red Hat Enterprise Linux servers**.
- Administered, configured, and optimized **CollabNet TeamForge and Tuleap OpenALM** environments to ensure high availability, performance, and reliability for business-critical development workflows.
- Performed proactive system monitoring, patching, performance tuning, and incident resolution to minimize downtime and maintain service continuity.
- Collaborated closely with application vendors and internal engineering teams to diagnose and resolve complex Linux and application-level issues.
- Supported Linux virtualization and networking operations, contributing to improved platform stability and scalability.

Key Achievements:

- Significantly reduced service disruptions for global ALM platforms through proactive monitoring, performance optimization, and disaster recovery planning.
- Implemented server and environment optimization strategies that improved responsiveness and reliability of critical development systems.
- Strengthened operational documentation, including system configurations and procedures, improving knowledge transfer and onboarding efficiency.
- Acted as a trusted technical point of contact between vendors and internal teams, accelerating issue resolution and maintaining high end-user satisfaction.

Additional Experience

Senior Windows Systems Administrator – Bell Media | Montreal, QC, Canada | Feb 2015 – Dec 2015

Windows Systems Administrator - ExxonMobil BSC | Curitiba, Brazil | Dec 2011 – Dec 2014

Support Technician (Level II) - Volvo IT | Curitiba, Brazil | May 2011 – Nov 2011

Computer Technician - Best Buy Canada | Vancouver, BC, Canada | Sep 2010 – Mar 2011

Technical Administrative Lead - Pontifical Catholic University | Curitiba, Brazil | Feb 2005 – Mar 2010

Support Technician - Level II – Latin America Logistics | Curitiba, Brazil | Feb 2004 – Dec 2004

Education

Bachelor of Computer Science - Pontifical Catholic University | Curitiba, Brazil | Feb 2006 – Dec 2009

Projects

100+ Python/Boto3 Scripts – Udemy Instructor | Jan 2024 – Present

- Designed and delivered a **production-oriented Python and Boto3 automation curriculum** focused on real-world AWS operations and infrastructure automation.
- Developed **100+ Python automation scripts** covering AWS services including EC2, Lambda, S3, DynamoDB, VPC, and SNS, demonstrating enterprise-ready patterns.
- Built hands-on labs and examples emphasizing **security, scalability, error handling, and cost-aware automation**.
- Delivered **30+ hours of technical content** to a global audience, focused on practical cloud automation and DevOps workflows.

Personal Cloud Platform & AI Projects | Jan 2023 – Present

- Designed and deployed a **secure, scalable cloud-hosted platform** using Amazon S3, CloudFront, Route 53, and AWS WAF, following AWS security and networking best practices.
- Implemented **infrastructure automation and configuration** to support repeatable deployments and environment consistency.
- Built and deployed an **AI-powered chatbot** using Python and OpenAI APIs, integrating cloud-native services to provide interactive, personalized user guidance.
- Applied **monitoring, security controls, and cost management practices** to mirror real-world enterprise cloud environments.

Certifications

AWS: Solutions Architect Associate, SysOps Administrator Associate, Developer Associate, Data Engineer Associate, Cloud Practitioner, AI Practitioner, Security Specialty | **Azure:** Fundamentals, Azure Administrator Associate (AZ-104) | **Google Cloud:** Digital Leader | **Terraform:** Associate | **CompTIA:** A+

Professional Development and Workshops

AWS Experience-Based Acceleration (EBA) | VMware vSphere: Troubleshooting Workshop | Implementing and Managing Microsoft Server Virtualization – Hyper-V | Mastering AI Agents: Building Production-Ready Applications

Languages

English (Full Professional), French (Full Professional) and Portuguese (Native)