Jorge L
Senior DevSecOps, Platform and Cloud Engineer

SUMMARY

- Experienced DevSecOps, Cloud& Platform Engineer with 10+ years in cloud infrastructure, AWS, Kubernetes, Ansible, Helm, Terraform, CI/CD pipelines
- Skilled in managing scalable, high-availability systems with expertise in AWS: EC2, S3, RDS, Lambda, CloudWatch, IAM
- Firecracker MicroVMs implementation and tuning
- Strong background in infrastructure as code, monitoring (Datadog, Grafana), incident management, services and workflows orchestration
- PostgreSQL deployment and tuning, OLTP, PGVector
- Event-driven architectures and streaming for real-time data processing: Kafka, SQS
- Hands-on in in network protocols, including BGP, MPLS, OSPF
- Degree in Electrical, Electronics, and Communications Engineering

TECHNICAL SKILLS

Main Technical Skills	AWS (5 yr.), Terraform (3 yr.), Docker (5 yr.), Kubernetes (3 yr.), Ansible (3 yr.)
Programming Languages	Python
AI & Machine Learning	AWS SageMaker, AWS SageMaker (Amazon SageMaker)
PHP Frameworks	LAMP (1 yr.)
Data Analysis and Visualization Technologies	Power BI (1 yr.)
Databases & Management Systems / ORM	MariaDB, MySQL, PostgreSQL
Cloud Platforms, Services & Computing	AWS (5 yr.)
Amazon Web Services	Amazon Elastic Load Balancer, AWS AppSync (1 yr.), AWS Auto Scaling, AWS CloudWatch (1 yr.), AWS CodePipeline (1 yr.), AWS EC2 (3 yr.), AWS ELB, AWS Lambda (1 yr.), AWS Route 53 (1 yr.), AWS S3 (3 yr.), AWS SageMaker, AWS SageMaker (Amazon SageMaker), AWS VPC (1 yr.)
Deployment, CI/CD & Administration	Active Directory (1 yr.), Ansible (3 yr.), OpenVPN (1 yr.)
Scripting and Command Line Interfaces	Bash (1 yr.), *nix Shell Scripts (1 yr.)
	Cisco (1 yr.), OpenVPN (1 yr.), PfSense (1 yr.)

Mail / Network Protocols / Data transfer	
Hosting, Control Panels	cPanel (1 yr.)
Logging and Monitoring	Datadog, Grafana (1 yr.)
Virtualization, Containers and Orchestration	Docker (5 yr.), Firecracker MicroVMs, Kubernetes (3 yr.), OpenVPN (1 yr.), Terraform (3 yr.), VMware vSphere (1 yr.)
Version Control	Git, Github Actions
Operating Systems	IBM AIX (1 yr.), Red Hat Enterprise Linux (1 yr.)
Web/App Servers, Middleware	Windows Server (1 yr.)
Other Technical Skills	Amazon Elastic File System, AWS EFS, Bareos (1 yr.), cloud9 (1 yr.), Mikrotik (1 yr.), RDS (1 yr.)

WORK EXPERIENCE

Platform and Cloud Engineer - OpenSesame

Duration: August 2022 - August 2025

Summary:

- Contributed to a US-based, AI-driven platform engineering team that powers real-time, data-intensive personalization and large-scale consumer intelligence
- The project focuses on building and maintaining scalable cloud infrastructure and platform services to support AI and data-driven applications

Responsibilities:

- Developed and maintained cloud infrastructure and platform services.
- Implemented and optimized CI/CD pipelines.
- Ensured system reliability, scalability, and performance.
- Collaborated with cross-functional teams to support AI-driven personalization platforms.

Technologies: AWS, GitHub, Python, Security Ops, Threat & Vulnerability Management, Cyber Threat Intelligence (CTI), Docker, Terraform, Firecracker MicroVMs

DevOps Engineer - Bitex

Duration: February 2022 - August 2022

Summary:

- Managed development operations for Bitex's blockchain financial solutions, focusing on service reliability and delivery speed
- The project involved maintaining a fully AWS-based infrastructure and implementing infrastructure as code and container orchestration

Responsibilities:

- Managed AWS infrastructure programmatically.

- Deployed infrastructure using Terraform.
- Containerized applications with Docker.
- Managed Kubernetes (EKS) resources using Helm charts.
- Built CI/CD pipelines with GitHub Actions.
- Monitored services using Datadog to proactively mitigate incidents.

Technologies: AWS, Terraform, Docker, Kubernetes (EKS), Helm, GitHub Actions, Datadog

Site Reliability Engineer - Aper (AWS-based Infrastructure)

Duration: May 2021 - February 2022

Summary:

- Managed emergencies, incidents, and troubleshooting within a fully AWS-based infrastructure
- Focused on risk management and development of scalable systems to improve site reliability and performance

Responsibilities:

- Configured and managed AWS services including EC2, S3, EFS, RDS, Route53, VPC, Cloud9, Lambda.
- Utilized monitoring tools such as Grafana and CloudWatch.
- Implemented CI/CD pipelines using CodePipeline.
- Handled availability, latency, performance, change management, monitoring, emergency response, and capacity planning.
- Automated provisioning of test environments and analyzed logs and statistics.

Technologies: AWS (EC2, S3, EFS, RDS Aurora Serverless, Route53, VPC, Cloud9, Lambda, CodePipeline), Grafana, CloudWatch

Systems Engineer - IBM

Duration: August 2020 - May 2021

Summary: Ensured smooth operation and optimal performance of hardware and software components for clients, focusing on UNIX and Linux systems administration, automation, and compliance.

Responsibilities:

- Maintained OS operation across multiple platforms and middleware applications.
- Automated patching of RHEL and IBM AIX using BigFix and Ansible.
- Managed clusters on RHEL and AIX.
- Conducted capacity planning and performance monitoring.
- Ensured compliance and vulnerability remediation.

Technologies: Red Hat Enterprise Linux, IBM AIX, BigFix, Ansible, Corosync, Pacemaker, PowerHA

Senior Linux System Administrator / IT Support Specialist - Bunge

Duration: April 2019 - August 2020

Summary:

- Managed installation, configuration, and maintenance of Linux systems and provided IT support in a hybrid On-Premises/Cloud environment
- Responsibilities included system security, network management, and backup solutions

Responsibilities:

- Installed and configured GNU/Linux systems (Red Hat, CentOS, Debian).
- Administered servers using Ansible and VMware vSphere.
- Managed web hosting environments with WHM/cPanel.
- Handled switch management, routing, and VPN design/implementation.
- Managed storage and backups with Bareos and UrBackup.
- Supported scripting in Korn Shell and Bash.

Technologies: Red Hat, CentOS, Debian, Ansible, VMware vSphere, WHM/cPanel, pfSense, OpenVPN, Bareos, UrBackup, Korn Shell, Bash

Junior Network Engineer - Government of the Province of Buenos Aires

Duration: April 2018 - April 2019

Summary:

- Provided Network Configuration and Management, troubleshooting, and management support for the Dirección Provincial de Telecomunicaciones
- Ensured smooth functioning of network protocols and devices in customer data centers

Responsibilities:

- Configured routers and switches in customer data centers.
- Managed network protocols including IP, BGP, MPLS, and OSPF on Cisco devices.
- Troubleshot network issues and monitored LAN/WAN availability and efficiency.
- Provided L3 support to installers and escalated alarms as necessary.

Technologies: Cisco routers and switches, IP, BGP, MPLS, OSPF

Data Center Engineer - DANAIDE

Duration: February 2017 - April 2018

Summary: Performed installation and maintenance of on-premises servers, storage systems, and network equipment in multiple customers' data centers, ensuring reliable performance and optimal network infrastructure functioning.

Responsibilities:

- Installed servers and storage systems.
- Configured routers (Cisco, Mikrotik) for network performance.
- Set up IP-based CCTV devices including cameras, DVRs, sensors, and UPS.
- Maintained structured data cabling and supported on-premises infrastructure.

Technologies: Cisco routers, Mikrotik routers, IP CCTV devices

Genius / Technical Expert - Apple

Duration: March 2014 - February 2017

Summary: Provided technical support, diagnostics, and repair of Apple devices, along with customer education and training to ensure high customer satisfaction and effective use of Apple products.

Responsibilities:

- Diagnosed and repaired Apple devices.
- Provided technical support and training to customers and team members.
- Maintained customer trust through problem-solving and adherence to schedules.

Technologies: Apple hardware and software

Technical Support Engineer - Telmex

Duration: February 2013 - March 2014

Summary: Provided advanced technical support for satellite devices including modems and TV receivers, assisting customers and installation technicians to ensure smooth operations and excellent service.

Responsibilities:

- Configured satellite devices and resolved technical issues (L2 support).
- Provided help desk assistance and guidance to installation technicians.
- Ensured customer satisfaction through effective troubleshooting and support.

Technologies: Satellite modems, TV receivers

Service Technician - DIRECTV Latin America

Duration: June 2012 - April 2013

Summary: Performed satellite TV System Installation, troubleshooting, and customer support to ensure optimal system performance and customer satisfaction.

Responsibilities:

- Installed satellite dishes with proper mounting and alignment.
- Configured and fine-tuned receivers.
- Tested signal quality and strength.
- Troubleshot installation-related issues.
- Provided customer education and support.

Technologies: Satellite TV systems, receivers

EDUCATION

- **Universidad Nacional de La Plata**
  Engineer's degree, Electrical, Electronics and Communications Engineering
  2009 - 2013
- **E.E.T N° 2 Mercedes V. de Labbe High School**
  High School Diploma, Electromechanical Instrumentation and Maintenance Technologies/Technicians
  2003 - 2008

CERTIFICATIONS

- Google IT Support Specialization, Coursera
- Building Modern Python Applications on AWS, Coursera
- Applied Data Science with Python - Level 2, IBM
- IBM Cloud Essentials, IBM
- Docker Essentials: A Developer Introduction, IBM
- Interskill - AIX Systems Administrator - Experienced, IBM
- Interskill - AIX Systems Administrator - Fundamentals for UNIX Specialists, IBM
- Interskill - AIX Systems Administrator - Fundamentals, IBM
- AWS Certified Solutions Architect Associate 2020, Udemy
- Ethical Hacking, EducacionIT
- Python Programing, EducacionIT
- Linux Shell Scripting, EducacionIT
- Network Secutity: Network Hacking, EducacionIT
- Microsoft Azure Virtual Machines, edX
- AWS Cloud Practitioner Essentials, AWS
- Interconnecting Cisco Networking Devices, Part 2 (ICND1) v3.0, SLS LATAMOK
- Interconnecting Cisco Networking Devices, Part 1 (ICND1) v3.0, SLS LATAMOK
- Seguridad Web: SQL Injection & XSS, EducacionIT
- Installation, Storage, and Compute with Windows Server 2016, EducacionIT
- Linux administrator, EducacionIT