

Jorge Bayuelo

DevOps Engineer | (470) 647-7959 | E: jorge3design@gmail.com | [LinkedIn](#) | [Website](#) | [Github](#)

Professional Summary

Results-driven DevOps Engineer with hands-on experience in AWS cloud infrastructure, automation, and CI/CD pipelines. Adept at leveraging Terraform, Jenkins, Docker, and Git to streamline deployments and manage cloud-based environments efficiently. Strong background in Linux system administrator, scripting (Bash, Python), and networking. Passionate about cloud computing, Infrastructure as Code (IaC) and security best practices to enhance system reliability and scalability.

Education

Audiovisuals and Multimedia | *University of Bogota Jorge Tadeo Lozano, Cartagena*

AWS Cloud & DevOps Technologies | *Self-Study*

Jenkins, Docker, Terraform, Shell Scripting | *Kode Kloud*

Git & GitHub for Version Control | *Udemy*

Certifications

AWS Certified Cloud Practitioner

CompTIA A+

Projects

Automated AWS Infrastructure with Terraform

- Provisioned a fully automated **AWS infrastructure** using **Terraform** to deploy an EC2 instance running **Nginx**.
- Utilized **Amazon S3 as remote backend** for Terraform state files and **DynamoDB for state locking**.
- Implemented **custom Security Groups** to manage inbound/outbound traffic securely.
- Followed **AWS best practices** for security and state management.
- Successfully automated infrastructure cleanup using **terraform destroy**.

Virtual Network Setup Using VMware Workstation & Fedora 41

- Set up a virtualized network environment with multiple VMs running Linux systems.
- Configured network services, including DHCP, DNS, and firewalls, to simulate a production IT environment.
- Tested security policies, access controls, and remote connectivity to enhance troubleshooting skills.

Employment history

System Administrator Jul 2024 - Present *X Fusion Corp, Remote*

- **Designed and deployed AWS infrastructure** for web applications using **Terraform**.
- Managed **CI/CD pipelines** using **Jenkins and GitHub Actions** for automated deployments.
- Administered **Linux-based servers**, ensuring security and performance optimization.
- Automated system administration tasks using **Bash and Python scripts**.
- Implemented **monitoring and logging solutions** with **CloudWatch** and **Prometheus**.

Unreal Engine Technical Artist, Nov 2022 - Present *Polycount, Dallas*

- Collaborated with cross-functional teams to optimize system performance and streamline workflows.
- Built custom workstations, **diagnosed hardware issues**, and ensured optimal performance.
- Provided **technical support and system optimization** for high-performance applications.
- Troubleshoot complex issues, improving pipeline efficiency for developers.

Technical Skills

AWS (EC2, S3, IAM, RDS, DynamoDB), Terraform, CloudFormation, Jenkins, GitHub Actions, GitHub, Bash, Python, Ansible, Docker, Kubernetes, Linux Administration, Fedora, Ubuntu, RHEL, CentOS, Firewalls, VPN, Security Groups, Access Control List (ACLs), IaC, CI/CD, Version Control.