

Ghyovani Vielot

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SUMMARY

Dynamic System Administrator with 9 years of experience in automating server provisioning and optimizing infrastructure for enterprise systems. Pioneered infrastructure-as-code projects that reduced deployment times by 60% and directed seamless cloud migrations with a 98% data transfer success rate. Seeking a DevOps Engineer role to leverage expertise in DevOps, CI/CD Pipelines, and infrastructure automation to drive efficiency and innovation across cloud-based platforms.

EXPERIENCE

System Administrator II

Judicial Council of Georgia/Administrative Office of the Courts

February 2023 – Present, Atlanta, Georgia, United States

- Implemented infrastructure as code using Terraform and Ansible to automate server provisioning, reducing deployment times by 60% over a 12-month period while maintaining consistent configurations for all production environments supporting five statewide judicial applications.
- Directed migration methodologies for six major judicial platforms over 10 months, facilitating seamless transitions from legacy to cloud-based systems using AWS Data Migration Service and Azure Migrate, leading to a 98% data transfer success rate with zero critical incidents.
- Spearheaded cloud engineering initiatives for 9 judicial systems over 18 months, utilizing AWS and Azure technologies to achieve 100% infrastructure compliance and supporting the secure scalability of statewide court services.
- Implemented security tools such as AWS GuardDuty, Azure Security Center, and Nessus across 12 production environments over 2 years to continuously monitor vulnerabilities, reducing security incident rates by 85% and maintaining compliance with federal CJIS standards.
- Facilitated Agile transformation for 12 infrastructure projects over 14 months, utilizing Jira and Confluence to accelerate sprint cycles by 30%, boost cross-team collaboration, and achieve consistent on-time delivery for statewide judicial initiatives.
- Directed standardized CI/CD pipeline adoption using GitLab across 15 infrastructure projects within 10 months, achieving a 50% reduction in deployment errors and consistently meeting release KPIs for statewide judicial platforms through automated testing and integration.
- Engineered and maintained continuous integration pipelines using GitLab, AWS CodePipeline, and Jenkins across 12 infrastructure projects over 14 months, reducing build failures by 45% and supporting adherence to release metrics for statewide judicial applications.

System Administrator

Emory Healthcare

January 2022 – January 2023, Atlanta, Georgia, United States

- Strengthened endpoint security across 2,500+ devices by deploying multi-factor authentication using Microsoft Intune and Azure AD, reducing unauthorized access incidents by 87% within 12 months.
- Modernized server infrastructure by migrating 40+ legacy Windows Server instances to Azure, decreasing system downtime by 62% and reducing maintenance costs by \$75K annually while ensuring HIPAA compliance across all hosted applications.
- Deployed and managed Kubernetes clusters using Helm for 25+ microservices over 14 months, achieving a 78% increase in deployment frequency while enhancing release reliability and audit traceability.
- Managed comprehensive IAM strategies utilizing Azure Active Directory and Okta for 2,900 users across hybrid environments over 24 months, reducing access request fulfillment times by 52% and strengthening audit compliance per quarterly KPI evaluations.
- Implemented automated monitoring solutions with Prometheus and Grafana across 85+ servers over 18 months, expediting incident detection by 70% and supporting SLA adherence for Tier-1 business applications.
- Engineered IaC deployments with Terraform and Azure Resource Manager over 18 months for 60+ resources, reducing provisioning time by 64% and enhancing environment consistency to meet quarterly compliance KPIs.
- Administered MySQL Databases for 40+ enterprise Windows and Azure instances over 24 months, optimizing query performance by 56% using SQL Server Management Studio and automated jobs, exceeding reliability SLAs in monthly system reviews.
- Partnered with cross-functional teams over 18 months to automate deployment pipelines using Jenkins and Git in Agile development cycles, accelerating delivery timelines by 48% and aligning with bi-weekly sprint KPIs for 25+ enterprise projects.

Field Service Technician II

Cogent Technology Resource

September 2021 – January 2022, Atlanta, Georgia, United States

- Maintained and repaired Linux servers at 25+ remote client sites monthly over a 12-month period using SSH, command-line utilities, and remote monitoring tools, reducing average critical incident downtime by 35% and aligning with team MTTR KPIs.
- Upgraded firmware and deployed critical system patches across distributed client environments, aligning devices with industry security standards and enhancing operational stability for large-scale enterprise networks.
- Coordinated large-scale hardware deployments and onsite support initiatives across multiple client locations, ensuring seamless integration of new systems and minimizing disruption to ongoing business operations.
- Directed deployment of large-scale solutions, delivering integrated hardware and networking upgrades to 30+ enterprise client locations over 12 months utilizing managed switches, VLAN setups, and remote monitoring tools to achieve a 30% improvement in network reliability and SLA compliance.
- Engineered and executed deployment strategies for multi-vendor system rollouts across 30+ enterprise sites over 12 months, utilizing Jira Service Management and remote automation tools to drive a 30% acceleration in onboarding workflows and reducing post-deployment incident rate by 28%.
- Implemented platform tooling using Ansible and Puppet for automated server configuration and patch management across 30+ enterprise client sites over 12 months, accelerating deployment cycles by 25% while maintaining SOX compliance and improving ticket resolution metrics tracked in Jira Service Management.

- Deployed and configured security tools such as Snort and OSSEC across 30+ enterprise client environments over a 12-month period, increasing threat detection rate by 40% while meeting compliance targets and automating alert management through integration with Jira Service Management.

Armament Systems

United States Air Force

June 2019 – September 2021, Aviano, Friuli-Venezia Giulia, Italy

- Upgraded operational readiness by modifying aircraft structures and systems, resulting in a documented 17% reduction in recurring maintenance issues across a fleet of 16 airframes over a 2-year period using proprietary diagnostics and repair tools.
- Maintained weapons loading proficiency on fourteen munition types with the unit's highest pass rate.
- Conducted test and evaluation procedures for prototype weapons and systems, following established protocols and technical standards to gather performance data and ensure functionality. Installed, operated, and maintained (IOM) state of the art communications equipment worth over \$1.5M for General officer's (GO).
- Programmed and reprogrammed Cockpit HUDs to incorporate updated defensive technologies, supporting mission effectiveness across tactical and airborne platforms while ensuring data integrity in accordance with mission requirements.

Apple Solutions Consultant

Best Buy

March 2018 – June 2019, Columbus, Georgia, United States

- Used feedback from customers and personal observations to better capitalize on sales opportunities.
- Applied refined interpersonal and technical skills to assess customer needs, suggesting optimal Apple solutions and creating engaging demonstrations with Apple software and hardware.
- Executed component-level repairs and managed device recovery processes utilizing Apple diagnostics, Logic Board testing tools, and repair management platforms.
- Cultivated relationships with retail staff and customers to boost product visibility and drive sustained sales growth for Apple offerings within the Best Buy environment.
- Directed monthly Aurora platform trainings for Best Buy associates over a 12-month period to enhance product knowledge and increase Apple solution sales conversion rates by 18%, leveraging Apple's proprietary demo hardware and digital content.

Advanced Repair agent

Geek Squad

January 2017 – March 2018, Columbus, Georgia, United States

- Implemented end-user education programs on security best practices using enterprise software tools, leading to improved system security standards and more efficient server and network operations.
- Facilitated knowledge transfer sessions using documented procedures and diagnostic software to enable efficient problem resolution for team members and end-users.
- Troubleshoot complex device issues by methodically analyzing malfunction symptoms, applying system restore utilities, and coordinating replacement of malfunctioning components according to service standards.

Aerospace Engineer Internship

Amazon Web Services (AWS)

May 2015 – August 2015, Atlanta, Georgia, United States

- Presented new findings and best practices for Enterprise Level Productivity to various stakeholders.
- Provided technical support to cross functional teams, suppliers, and engineers throughout product development process.
- Engineered Jenkins automation scripts to streamline configuration management for 5+ aerospace simulation environments during a 12-week project, reducing manual setup time by 30% and supporting CI/CD pipelines with AWS and Docker integration.
- Directed cloud engineering initiatives by deploying and optimizing AWS-based test environments for 5 simulation projects over 12 weeks, achieving a 40% improvement in deployment speed and supporting project milestones using Terraform, Ansible, and Docker.
- Managed version control and code integration using Git for five concurrent aerospace simulation projects over 12 weeks, ensuring traceability and reducing integration conflicts by 50% while supporting automation workflows with Jenkins and Docker.
- Spearheaded Agile development practices across five simulation projects over a 12-week internship, resulting in a 35% increase in sprint velocity and improved delivery cadence by integrating Jira, Confluence, and cross-functional standups.

PROJECT

BetSphere

Personal Project • github.com/GhyotheDev/BetSphere

- A modern sports betting simulator with a clean UI, featuring real-time odds calculation and virtual balance management.

StreamFlix

Personal Project • github.com/GhyotheDev/StreamFlix

- A Netflix clone with a responsive design and modern UI, showcasing frontend development skills and user interface design.
- Engineered StreamFlix, replicating core streaming functionalities and incorporating scalable architecture to deliver a seamless, device-agnostic viewing experience.

EDUCATION

Sales, Distribution, and Marketing Operations, General

CourseCareers • October 2022

Computer Science

CERTIFICATIONS

GIAC Certified Cloud Security Automation

SANS Institute • 2025

AWS Certified Solutions Architect – Associate

Amazon Web Services (AWS) • 2025

CompTIA Network+

CompTIA • 2024

Comptia Linux Network Professional

CompTIA • 2024

CompTIA Linux+ ce Certification

CompTIA • 2023

Amazon Web Services Cloud Practitioner

Amazon Web Services (AWS) • 2022

SKILLS

Skills 2: Tools & PowerShell, Oracle, Azure Functions, Jenkins, Docker Products, Nginx, Amazon Relational Database Service (RDS), Microsoft Dynamics CRM, Azure IoT, Python (Programming Language), Software as a Service (SaaS), Amazon Web Services (AWS), SQL, VPC, SOC2, HIPAA, Git, GitActions

Interpersonal Skills: Analytical Skills, Teamwork, Team Leadership

Industry Knowledge: Disaster Recovery, Software Deployment, System Testing, Scripting, Site Reliability Engineering, Infrastructure Management, Networking, Veeam Backup Replication, Account Management, Contract Negotiation, Business Development, Kubernetes, DevOps, Continuous Integration and Continuous Delivery (CI/CD), EAI, Linux System Administration, Containerization, Cloud Security, Cloud Computing IaaS, Network Administration, FedRAMP High,
