

Tyler Boyd

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EXPERIENCE

Data Service Group

Bear, DE

DevOps Engineer

January 2022 - Current

Currently as a DevOps Engineer I've experienced using Software as a Service (SaaS), Infrastructure as a Service (IaaS), and Platform as a Service (PaaS) for multiple clients. Experience utilizing AWS for on premises and cloud service purposes. Experience in deploying web applications and utilizing its microservices through serverless event driven architecture or containerization (Docker). Involvement in Agile/DevOps practices/principles (CI/CD), ensuring smooth infrastructure deployment/delivery for clients by utilizing Terraform Infrastructure as a Code (IaC), BASH shell scripting, Jenkins, etc.

- Configured and managed over 50 EC2 instances within secure VPCs to ensure optimal performance and security for applications.
- Set up monitoring and logging with CloudWatch, creating 200+ alarms for real-time tracking of application performance and issue resolution.
- Developed and deployed infrastructure using Terraform, ensuring consistent setups across 10+ environments and slashing deployment times by 50%.
- Created reusable Terraform modules for EC2 instances, VPC setups, and security groups.
- Automated tasks with over 50 Bash scripts for backups, deployments, and system configurations, saving over 100 hours of manual work annually.
- Managed user permissions and configurations across 100+ servers, maintaining secure and efficient operations.
- Containerized 15+ applications with Docker, ensuring consistent environments and reducing deployment issues by 25%.
- Engaged in sprint planning, daily stand-ups, and retrospectives, markedly enhancing project delivery timelines.
- Developed and maintained branching strategies and automated CI/CD pipelines, overseeing a substantial codebase with extensive commits across multiple repositories.

LetBob Technologies

Washington, DC

Linux Administrator

May 2021 - June 2022

As a Linux Administrator at LetBob Technologies, I managed CentOS servers, conducted system inventories, and handled user management tasks while gaining exposure to DevOps tools like Terraform and AWS. This experience provided a strong foundation in Linux system administration and DevOps practices.

- **Server Management:** Managed CentOS servers as a Linux Administrator, conducting system inventories and ensuring operational stability.
- **Secure Shell:** Conducted SSH sessions for server access, troubleshooting, and maintenance tasks to uphold system integrity.
- **User Management:** Handled user management duties, including creating, managing, and maintaining user accounts, groups, and permissions.
- **IaC/DevOps:** Introduced to DevOps tools like Terraform for infrastructure provisioning and AWS for cloud services, gaining foundational knowledge in DevOps practices and their integration with Linux environments.

SKILLS

- **Linux Administration:** Experienced in utilizing Linux commands, conducting server patching, upgrades, and updates across diverse distributions.
- **Automation Expertise:** Proficient in Infrastructure as Code (IaC) practices using Terraform
- **Scripting:** Bash Shell
- **AWS:** EC2, LightSail, IAM, VPC, DynamoDB, Lambda, EFS, S3, Route 53
- **Version Control:** GitHub
- **Containerization:** Docker, Docker-Compose
- **Agile Framework:** Scrum

EDUCATION

A.S. in Information Science: University of Maryland, Baltimore County. GPA: 3.5

B.S in Computer Science: University of Maryland, College Park. GPA: 3.6