

# Zavier Basnight

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Experienced systems administrator and cloud enthusiast with a strong background in optimizing system performance, resolving complex issues, and managing system upgrades. Seeking a flexible part-time remote role to support AWS infrastructure and Linux server operations while continuing to advance my cloud expertise.

## Cloud Experience

- **Event-Driven Notification System – AWS Home Lab Project - June 2025**
- Hosted a static frontend on Amazon S3 as part of a real-time event announcement system.
- Managed IAM roles and permissions to securely connect Lambda functions, S3, API Gateway, and SNS.
- Integrated AWS SNS and Lambda to handle event creation and email notifications for real-time updates.
- Deployed RESTful endpoints using API Gateway to trigger Lambda functions for event creation and subscriptions.
- Tested full system functionality and finalized deployment for real-time event announcements.

## Professional Experience

### **SYSTEM ADMINISTRATOR, CS SYSTEM GROUP, OLD DOMINION UNIVERSITY, NORFOLK, VA MAR 2024 – PRESENT**

- Automated Linux VM provisioning and configuration on Proxmox using Terraform, Cloud-init, and Ansible to establish Docker environments.
- Led system modernization efforts by planning and executing the upgrade of a critical Slurm workload manager within a Linux environment, enhancing job scheduling efficiency by 15% and supporting 200+ student users.
- Resolved critical network connectivity and storage access issues by reconfiguring switchport VLANs on access switches and configuring Ubuntu clients to connect to a NetApp host, implementing persistent mount points via fstab.
- Documented updated configurations and user guides for faculty and students, managing version control via Gitlab for accessible resources.
- Provided comprehensive technical support and troubleshooting to end-users, quickly resolving hardware, software, and network issues to ensure seamless functionality.
- Developed and deployed automation scripts to streamline the update of configuration files across Linux infrastructure, significantly improving efficiency and ensuring consistency in system maintenance.

### **IT SUPPORT CONSULTANT, CS SYSTEM GROUP, OLD DOMINION UNIVERSITY, NORFOLK, VA FEB 2023 – MAR 2024**

- Assisted system engineers and administrators in network maintenance and downtime, assisting with switch and server installation, including rack mounting, power setup, and network configuration.
- Performed routine inspections of computer labs to ensure all systems had power, internet connectivity, and domain access, troubleshooting issues with mini-switches and replacing faulty hardware as needed.
- Provided technical support to students, researchers, and faculty by ensuring system functionality, resolving network connectivity issues, and installing software to enhance productivity.
- Maintained and documented hardware inventory, tracking device status, location, and maintenance history to support efficient asset management and planning.

## Additional Skills

| Cloud & Event Automation | Programming & Scripting | DevOps & Infrastructure             | Networking & Security    |
|--------------------------|-------------------------|-------------------------------------|--------------------------|
| Amazon S3                | PHP                     | Docker                              | FortiGate                |
| AWS Lambda               | Python                  | Ansible                             | Domain Controller        |
| Amazon SNS               | Django                  | Terraform                           | LAN/WAN                  |
| API Gateway              | JSON                    | VM Provisioning                     | TCP/IP Networking        |
| Web & Application        | Database Technologies   | System Administration               | Monitoring & Performance |
| Apache                   | MySQL                   | Hardware Installation & Maintenance | Elastic Stack            |
| Nginx                    | PostgreSQL              | System Performance Optimization     | Grafana                  |
| LAMP Stack               | MariaDB                 | Security Patching                   | Log Management           |
| RESTful APIs             | SQLite                  | Proxmox VE                          | Zabbix                   |

## Education

**Bachelor of Science in Cybersecurity**, Old Dominion University, Norfolk, VA | Expected Fall 2025