

Durga Gautam

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📍 Kathmandu, Nepal github.com/drggtm

Work Experience

DevOps Engineer
November 2023 – Present

Searchable Design LLC / Benekiva, Kathmandu

- Designed and managed scalable AWS environments using EC2, S3, RDS, IAM, and AWS Inspector to ensure optimal performance, security, and compliance.
- Configured and maintained the ELK stack for log aggregation, created custom Kibana dashboards for real-time metrics, and set up alerts for critical system events.
- Streamlined project workflows with Jira, enabling seamless issue tracking, sprint management, and progress reporting.
- Implemented security tools such as Vanta for compliance monitoring and Malwarebytes for endpoint protection, ensuring adherence to security best practices.

DevOps Intern/Trainee
June 2023 – October 2023

Hazesoft PL, Kathmandu, Nepal

- Automated system configuration and application deployment using Ansible Playbooks to improve operational efficiency.
- Developed and optimized CI/CD pipelines with GitLab CI to support continuous integration and deployment workflows.
- Implemented a robust backup and recovery strategy, ensuring system data integrity and availability.
- Utilized HashiCorp Vault for managing secrets, ensuring secure storage and access control for sensitive credentials.

DevOps Intern
February 2023 – May 2023

Amnil Technologies, Lalitpur, Nepal

- Designed and implemented a scalable CI/CD pipeline using Jenkins, enhancing software release processes.
- Containerized applications with Docker, reducing deployment times and improving consistency across environments.
- Optimized Nginx configurations for better performance and reduced latency for high-traffic applications.
- Managed Linux systems, improving system stability, security, and performance through proactive monitoring and administration.

Technical Skills

- **Cloud Platforms:** AWS (EC2, S3, RDS, IAM, AWS Inspector)
- **CI/CD Tools:** Jenkins, GitLab CI, Github Actions
- **Containers:** Docker
- **Configuration Management:** Ansible
- **Monitoring Logging:** ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana
- **Security Tools:** Vanta, Malwarebytes, HashiCorp Vault
- **Programming Languages:** Python-Django, Bash, Shell Scripting
- **Version Control:** Git, Bitbucket
- **Web Servers:** Nginx, Apache
- **Operating Systems:** Linux (Ubuntu, CentOS)
- **Project Management Tools:** Jira (Sprint Management, Issue Tracking, Progress Reporting)

Education

Bachelor's Degree, Computer Engineering **Purbanchal University School of Engineering and Technology, Biratnagar, Nepal**
February 2016 – December 2021

Projects

- **Ansible Playbooks**
Automating server configuration and application deployments using Ansible.
[🔗 github.com/drggtm/ansibleplaybooks](https://github.com/drggtm/ansibleplaybooks)
- **Shell Scripts**
A collection of useful shell scripts for server automation and system administration.
[🔗 github.com/drggtm/Shellscripts](https://github.com/drggtm/Shellscripts)

Professional Summary

I am a motivated and detail-oriented DevOps Engineer with practical experience in building and managing cloud infrastructure, automating workflows, and optimizing system performance. With hands-on expertise in AWS, CI/CD pipelines, and containerization, I am passionate about improving operational efficiency and driving continuous delivery. I have a strong background in automating system administration tasks, implementing security solutions, and managing scalable environments using tools like Ansible, Docker, and Jenkins. My goal is to leverage my skills to streamline development and operations, ensuring smooth and efficient workflows while maintaining high system uptime and security.