

SHIVAM GUPTA

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

Experienced DevOps Engineer with 4+ years of expertise in automating cloud infrastructure, primarily on Microsoft Azure. Skilled in building secure, scalable environments using Terraform, GitHub Actions, and Azure DevOps. Hands-on with AKS deployments and CI/CD implementation, with working exposure to observability practices using Azure Monitor and Application Insights. Eager to contribute to high-availability, enterprise-scale systems.

CORE SKILLS

Cloud Platforms	Azure, AWS
Infrastructure as Code (IaC)	Terraform, Ansible
CI/CD Pipelines	GitHub Actions, Azure DevOps
Scripting Languages	Python, Bash (Golang - learning)
Containerization	Kubernetes, Docker
Version Control System	Git
Monitoring & Observability (Basic)	Prometheus, Grafana, Azure Monitor
Soft Skills	Cross-team collaboration, problem-solving, mentoring

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer

Knoldus Inc., Noida, India

Jan 2021 - Present

- Managed cloud infrastructure primarily using **Azure (current project focus)**, with past responsibilities involving **AWS**, ensuring 99.9% uptime and cost efficiency.
- Automated CI/CD pipelines using **GitHub Actions** and **Azure DevOps**, reducing deployment time by 40
- Developed infrastructure automation using **Terraform** and **Ansible**, streamlining provisioning workflows.
- Collaborated with cross-functional teams to provision and maintain cloud resources.
- Designed reusable **Terraform modules** for Azure (and previously AWS) environments.
- Enhanced observability with custom dashboards and alerts using **Prometheus**, **Grafana**, and **CloudWatch**.
- Mentored junior engineers and enforced DevSecOps best practices.

Frontend Developer

Cybees (formerly The Hobnob), Delhi, India

Oct 2020 - Dec 2020

- Built responsive UI components, increasing front-end engagement by 15
- Integrated APIs and collaborated closely with backend teams.

Software Developer Intern

Centilytics, Noida, India

Jan 2020 - May 2020

- Contributed backend enhancements to improve system performance.
- Participated in debugging and integration of new features.

PROJECTS

Imprivata - DevOps Engineer

AWS, Bash, Python, GitHub, GitHub Actions, Terraform, Argo CD, Kubernetes

- Built CI/CD pipelines using **GitHub Actions**, increasing deployment velocity by 40%.
- Integrated **Argo CD** for GitOps-based Kubernetes deployments.
- Developed reusable Terraform modules for **EKS, S3, CloudWatch**.
- Implemented infrastructure provisioning with Terraform and Terragrunt via Argo CD.
- Set up observability via **Prometheus, Grafana**, and **CloudWatch** metrics.
- Wrote AWS automation scripts in **Python**.

EnY - DevOps Engineer

AWS, Bash, Python, GitLab, Chef, Terraform, KXDB

- Provisioned AWS infrastructure using **Terraform**, reducing setup time by 50%.
- Built server automation with Chef and monitored systems using **SNS & CloudWatch**.
- Utilized **AWS Glue** and **Athena** for analytics and data handling.

DCT - DevOps Engineer

Azure, Azure DevOps, Bash Scripting, Python, GitHub, Ansible, Terraform

- Designed and deployed multiple **Azure** environments using **modular Terraform**, enhancing reusability and reducing environment setup time by 60%.
- Built secure and scalable **CI/CD pipelines in Azure DevOps**, incorporating environment-based configurations and approval workflows.
- Automated provisioning and configuration management using **Ansible**, cutting manual deployment tasks by over 70%.
- Integrated end-to-end monitoring and observability with **Azure Monitor, Application Insights, and Prometheus**, improving incident detection and resolution times.
- Collaborated closely with dev and infosec teams to implement **DevSecOps controls**, enforce RBAC policies, and optimize cloud resource governance.

CERTIFICATIONS

- **Microsoft Certified: Azure Fundamentals**
- **HashiCorp Certified: Terraform Associate (003)**

EDUCATION

Master of Computer Application

Bharati Vidyapeeth Institute of Computer Application (GGSIPU), Delhi

Bachelor of Computer Application

Jagan Institute of Management Studies (GGSIPU), Delhi