

GAURAV

Azure DevOps Engineer | Cloud Infrastructure & CI/CD Automation

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PROFESSIONAL SUMMARY

Azure DevOps Engineer Intern with hands-on experience automating cloud infrastructure provisioning, CI/CD pipelines, and DevSecOps workflows using **Terraform, GitHub Actions, and Azure CLI**. Reduced manual infrastructure provisioning effort by **70%** through Infrastructure as Code (IaC) and reusable Terraform modules. Experienced integrating security scanning tools (tfsec, Checkov, GitLeaks, TruffleHog) directly into CI/CD pipelines to support secure, repeatable deployments. Seeking an **Associate DevOps Engineer, Azure Cloud Engineer, or Cloud Support Engineer** role to help deliver scalable, secure cloud infrastructure.

TECHNICAL SKILLS

- **Cloud Platforms:** Microsoft Azure, Azure Portal, Azure Virtual Machines, Azure Storage, Azure Monitor
- **Infrastructure as Code:** Terraform, Terraform Modules, Terraform Validate, Terratest
- **CI/CD & Version Control:** Azure DevOps, GitHub Actions, YAML, Git, GitHub
- **Containers & Orchestration:** Docker (Basics), Kubernetes (Basics)
- **Scripting & Operating Systems:** Linux Administration, Bash, PowerShell, Azure CLI
- **Networking & Identity:** Azure Networking, Virtual Networks (VNet), Network Security Groups (NSG), Load Balancer, DNS, IAM, RBAC
- **DevSecOps & Security:** GitLeaks, TruffleHog, Semgrep, Checkov, TFLint, tfsec, Terrascan, Infracost

PROFESSIONAL EXPERIENCE

DevOps Engineer Intern — DevOps Insiders, Noida, Uttar Pradesh

Dec 2025 – Present

- **Automated Azure infrastructure provisioning** using Terraform and reusable modules, reducing manual provisioning effort by **70%**
- Built GitHub Actions CI/CD pipelines automating build, validation, and deployment workflows
- Integrated TFLint, tfsec, and TruffleHog into CI/CD pipelines to strengthen security and code-quality checks
- Validated Infrastructure as Code changes using terraform validate and Terratest prior to deployment
- Managed and monitored Azure infrastructure using Azure CLI and Azure Monitor
- Collaborated with the DevOps team to standardize infrastructure provisioning and deployment workflows

PROJECTS

Azure Enterprise Infrastructure using Terraform | [GitHub](#)

- Designed and deployed enterprise-grade Azure infrastructure using Terraform and Infrastructure as Code (IaC) principles
- Built reusable Terraform modules to provision Azure Virtual Machines, VNets, Subnets, NSGs, Load Balancer, Application Gateway, NAT Gateway, Azure Bastion, Key Vault, Route Tables, Managed Disks, Public IPs, and Storage Accounts
- Configured an Azure Storage Account as a Terraform remote backend and managed resources via Azure CLI
- Automated deployment using GitHub Actions (YAML) and integrated a DevSecOps scanning chain — TFLint, tfsec, Checkov, GitLeaks, TruffleHog, Semgrep, and Terrascan — plus Infracost for cost visibility
- Configured Azure Monitor for infrastructure monitoring and logging to improve operational visibility

GitHub Actions CI/CD Pipeline Automation | [GitHub](#)

- Designed and implemented a CI/CD pipeline using GitHub Actions to automate build, validation, and deployment workflows
- Created YAML workflow files to automate Continuous Integration (CI) and Continuous Deployment (CD) processes
- Integrated Terraform validation, TFLint, tfsec, and TruffleHog into the pipeline to improve infrastructure quality and security
- Applied Git branching strategies and version control best practices for collaborative development

SmartLearn AI — Cloud-Native EdTech Platform | [GitHub](#)

- Developed a cloud-native 3-tier EdTech platform using Flask, HTML, CSS, JavaScript, and SQLite
- Built GitHub Actions CI/CD pipelines (YAML) for automated build, testing, and deployment
- Deployed and managed the application on Microsoft Azure for reliable, scalable cloud hosting
- Configured Azure Monitor for application monitoring and logging
- Integrated AI-powered notes summarization using Hugging Face Transformers

EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering

SHEAT Group of Institutions, Varanasi, Uttar Pradesh — Dr. A.P.J. Abdul Kalam Technical University (AKTU) | 2022 – 2026 | CGPA: 6.92/10

CERTIFICATIONS & ACHIEVEMENTS

- DevOps Internship Completion Certificate — DevOps Insiders
- Mentor Appreciation Award — DevOps Insiders