Gurpreet Singh

Firozpur, Punjab | 9781201769 | [Gurpreet's Skype](#) | preetgur.gsr@gmail.com

PROFILE SUMMARY

DevOps Engineer with over 2.5 years of experience in designing and implementing CI/CD pipelines, automating infrastructure, and leading cloud migration projects. Proficient in Python, Ansible, Terraform, and Kubernetes. Strong background in network security and penetration testing. Recognized for excellent troubleshooting, multitasking, and communication skills.

EXPERIENCE

DevOps Engineer (SE) | TestingXperts | Chandigarh

2022-PRESENT

Network Security and VAPT Trainee (intern) | EH1 Infotech | Chandigarh

JUN/2018-AUG/2018

PROJECT

Deluxe Corporation (IAC DevOps Engineer)
- Technology Used-Git, Terraform, Terragrunt, VSphere, AWS, Harnes s CICD.

Net Number Migrations — **Project Lead** (TestingXperts)
- Technology Used-Git, Ansible, SVN, Jenkins, and Groovy Scripting for pipelines, GitHub.
- During the SVN to Git migration for GitHub, Tackled and resolved revision and URL path issues and automated the validation of repositories and branches to ensure a smooth transition. Before proceeding. Confirmed the successful validation of repositories. Post-migration and updated Jenkins jobs to align with the changes made during the process.

IACT— **Tx Internal** (TestingXperts)

Observability and Chaos Mesh— **TX Internal** (TestingXperts)
- Technology Used-Git, Docker, AppDynamics, Grafana, Chaos Mesh and K8

SKILLS

- AWS
- Azure
- Google Cloud Platform (GCP)
- Linux
- Azure DevOps
- Jenkins
- SonarQube
- Ansible
- Chef
- Terraform
- Version Control (Git, SVN)
- Docker
- Kubernetes
- Nexus

Scripting skill: Python, Shell Scripting

Security skills: Cybersecurity, Vulnerability Assessment and Penetration Testing, Nessus, OWASP ZAP, GFI Lan Guard, Nmap, Metasploit, OSINT, Burpsuite

Monitoring and Logging: Chaos Mesh, Grafana, AppDynamics, Datadog, Splunk

EDUCATION

B. Tech (CSE) | Shaheed Bhagat Singh State Tech. Uni. (SBSSTU)| Firozpur

2017-2021

ROLES AND RESPONSIBILITIES

- Developed and deployed Python applications on Kubernetes, leveraging Jenkins CI/CD pipelines for automated integration and delivery. Utilized GitHub for source control, monitored application performance with AppDynamics, and conducted Chaos Mesh experiments to enhance system resilience.

- Automated AWS infrastructure provisioning using Terraform, integrated with Jenkins to facilitate seamless CI/CD pipelines. Leveraged AWS CodeBuild for build and test automation, resulting in a 40% increase in development efficiency and enhanced infrastructure reliability.

- Led the migration of 900+ repositories from Git and SVN to GitHub using Ansible, Jenkins, and custom shell scripts. This process included thorough verification steps and implemented repository locking, resulting in a 20% increase in security measures and a 30% improvement in migration efficiency

- Designed and implemented Azure DevOps pipelines for creating Azure infrastructure with Terraform, resulting in a 40% reduction in deployment time and improving infrastructure reliability by 50%.

- Currently focusing on Infrastructure as Code (IAC) using Terraform and AWS CodeBuild within a Harness CI/CD framework, driving efficiency and reliability in infrastructure deployment and management.