PARVESH NEGI

Passionate Infrastructure Engineer with a solid foundation in aws, ansible, terraform, linux and strong scripting (Bash, YAML) skills. Eager to apply acquired knowledge and skills to innovate, problem-solve and contribute effectively to cutting-edge tech projects and solutions.

Praveshnegi2111@gmail.com
+91 9971481980
Linkedin: Parvesh Negi
C-28, Delhi-110092

Technical Skills	
Operating System	Linux, Unix
Devops Technologies	Ansible, Aws & Terraform ,Docker, Git
Scripting Language	Bash, YAML
Cloud Skills	EC2,VPC,S3,ASG,ALB,ACM,Lambda ,SSM & Aws Backup
Programming Language	C++, Python
Database	Oracle, PL/SQL
CI/CD	Aws Codepipeline, Codebuild, Codecommit,Jenkins
Ticketing tool	ASM

Professional Certifications	
Amazon Web services	Aws Cloud Practitioner, Aws Solution architect Associate (Badge Link)
Hashicorp	Terraform Associate 003 (Badge Link)

Education		
Graduation	Bachelor of Computer Application (2018-21)	CGPA – 9.05
Post-Graduation	Master of Computer Application (2022- 24)	CGPA – 8.30

Senior Infrastructure Engineer | Sopra Banking Software (Sep 2021 - Present)

1. Managing range of Linux-based systems, ensuring optimal performance, security, and scalability within cloud, implementation of YAML scripts using ansible for user management work within linux systems.
2. Designed and deployed scalable, fault-tolerant AWS infrastructure using Terraform, reducing deployment times by 70% and ensuring high availability.
3. Deployed Instance Scheduler in our AWS architecture to auto-shut down the EC2 servers during non-working hours. The entire solution was deployed with Terraform code and this cost-saving initiative saves more than $50,000 per year in compute costs.
4. Led a cost-saving initiative by identifying unused AWS resources and implementing S3 bucket retention policies, leading to an annual cost reduction of $5,000 in AWS storage cost.
5. Utilized Terraform modules and workspaces to manage environment-specific configurations and ensure reusability.
6. Wrote multiple shell scripts to reduce manual activities by 80% and enhance system stability to

automate tasks across AWS servers, utilizing AWS SSM. Resulted in minimized human error and downtime.

7. Optimizing the RDS infrastructure through backup strategies with help of snapshots and retention period with purpose of cost savings.
8. Implemented monitoring and alerting solutions using AWS CloudWatch and other tools to manage infrastructure health and performance proactively. This includes establishing email notifications via AWS SNS for various types of errors or failures within the CI/CD Pipelines and Infrastructure.
9. Custom Docker image creation within EC2 instances for application installation.
10. Conducting code reviews and advising team based on the best practices to ensure security and error-free code to be pushed in production.
11. Cloudwatch log filtering through lambda function using python and creating alerting mechanism using SNS service.

Achievements:

1. Implemented automated backup and recovery solutions using ansible, improving data resilience and reducing recovery time by 40%.
2. There were some batch jobs which were there to transfer files which is automated using ansible, it's done to reduce dependency on third party tools.
3. YAML scripts for account management across servers.
4. Adhere our policies with respect to least privilege within implementing IAM policies
5. Successful deployment of different bank (customer) infrastructure deployment on Aws.
6. Cost optimization in aws infrastructure without compromising security and reliablilty.