

# Devesh

## Senior Associate Consultant

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### Profile Summary

With 6 years of expertise as a skilled DevOps Engineer, I specialize in CI/CD pipeline design, infrastructure automation, and refining software delivery processes. Proficient in Terraform, Jenkins, Docker, and AWS, I streamline critical deployments. Having strengthened my skills in web and application security at ACS Group, I now serve as a Senior Associate Consultant at Infosys. With hands-on expertise in Git, Kubernetes, Prometheus, and Grafana, I consistently deliver successful outcomes through collaborative teamwork.

**DevOps Tools:** Jenkins, GitHub, GitLab CI, ArgoCD, Terraform, Ansible, Puppet.

**Cloud Platforms:** AWS (EC2, S3, RDS, IAM, etc.), GCP.

**Containers & Orchestration:** Docker, Kubernetes.

**Monitoring:** Grafana, Prometheus, ThousandEyes, AppDynamics, Zabbix, Sensu.

**Security:** IAM, OWASP, Firewalls, IPTABLES, Fail2ban.

**Languages:** Python, Shell, PHP, Java.

### Work Experience

Senior Associate Consultant – Infosys	Apr 2022 - Present
<ul style="list-style-type: none"><li>- Implemented and managed various services, including Cassandra, Kafka, Replicators and different AWS services.</li><li>- Collaborated with cross-functional teams to optimize the performance of Cassandra, Kafka, Replicators, and other services.</li><li>- Developed and implemented strategies to enhance the scalability and reliability of ElasticSearch and ElastiCache.</li><li>- Administered the access and security policies in IAM for efficient service management.</li><li>- Utilized Docker, Kubernetes, and Linux for managing different tools and services.</li><li>- Maintained various services in both production and development environments using Terraform, Ansible, Puppet, Jenkins, StackStorm.</li><li>- Monitored services on Grafana, Sensu, and Prometheus, while also troubleshooting issues from alert pages created by monitoring services on PagerDuty.</li><li>- Managed source code and versions using GitHub, and utilized Argo CD to manage the Kubernetes services.</li><li>- Created and allocated different tasks and bugs using Jira and ServiceNow for efficient task management.</li></ul>	
Devops Specialist – OpsTree Solutions	Sep 2021 - Feb 2022
<ul style="list-style-type: none"><li>- Developed and implemented Terraform and Ansible to enhance configuration management efficiency.</li><li>- Utilized Jenkins and GitLab to streamline the CI/CD process, resulting in a 20% reduction in deployment time.</li><li>- Implemented monitoring solutions including Grafana, Nagios, and Sensu to bolster system security and performance.</li><li>- Integrated security tools to enhance the overall security posture of the infrastructure.</li><li>- Automated routine tasks using various scripting languages, leading to a 30% increase in operational efficiency.</li></ul>	
Linux Administrator – ACS Group	Feb 2019 - Sep 2021
<ul style="list-style-type: none"><li>- Managed AWS cloud services including EC2, S3, RDS, IAM, VPC, ELB, EBS, Auto-Scaling, CloudWatch, and Route53 to ensure seamless operations.</li><li>- Developed and maintained infrastructure using Terraform and Ansible for improved efficiency and scalability.</li><li>- Configured microservices utilizing Docker and GitHub for streamlined source code management and deployment.- Monitored services using Grafana, Nagios, and Zabbix, and effectively resolved issues by analysing logs and maintaining firewalls such as CSF, Fail2ban, and Iptables.</li><li>- Set up and configured VPNs, Proxy Servers (OpenVPN, Soft Ether, SOCKS5 Protocol) to enhance network security and privacy.</li><li>- Oversaw and maintained chat app servers like Ejabberd, Elastix, Kamailio, and Mail Servers for uninterrupted communication within the organization.</li><li>- Led a team and handled Research and Development tasks to deliver projects according to client specifications.</li></ul>	

## Project

### Face Recognition App

215 Days

- Developed a Face Recognition App using Android Studio for a major project.
- Implemented advanced facial recognition algorithms to enhance user experience.
- Demonstrated proficiency in Android Studio and utilized cutting-edge technology for app development.

### Puzzle Game

184 Days

- Developed a Picture Puzzle App using .Net as part of minor project submissions.
- Utilized .Net framework to design and implement a Picture Puzzle App for minor project submissions.

### Solar Water Heater

30 Days

- Designed and developed a solar water heater to efficiently heat water using solar energy.
- Achieved a boiling time of 500 ml of water within 10 to 12 minutes.

## Education

### B.Tech/B.E. | Computer Science Engineering

2018

Guru Jambheshwar University of Science and Technology (GJUST), Hisar  
Grade - 7.1/10

### Polytechnic Diploma

2015

Om Institute of Polytechnic, Hisar  
Marks - 72%

### 10th

2012

Haryana, English  
Marks - 92%

## Additional Information

**Languages:** Hindi, English

## Interests

- Hands-on ethical hacking (completed course on Udemy).
- DevSecOps automation & policy-as-code.
- Following space exploration missions (JWST, Parker Solar Probe).