Shikhar Mahajan | DevOps Engineer (Available Immediately | HSM Sponsorship Required)

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Basics

A results-oriented IT professional with over 10 years of experience, including 8+ years in DevOps and cloud-native engineering, and 2.5 years in L3 production support. Skilled in designing, automating, deploying and monitoring mission-critical workload on AWS using tools like Terraform, Docker, Kubernetes, Grafana, Prometheus and CI/CD pipelines.

Education

Guru Gobind Singh Indraprastha University   https://ipu.admissions.nic.in/
Bachelor, Computer Engineering and Computer Science, Score: 74.3 %   *Aug 2010 – Jun 2014*
- Developed proficiency in programming languages such as Java, C++, and Python
- Gained hands-on experience in software development through various projects and assignments
- Strong communication and teamwork skills acquired through group projects and presentations

Courses: Developed proficiency in programming languages such as Java, C++, and Python, Programming Language Concepts, Data Structures and Object-Oriented Design, Operating Systems, Computer Architecture, Database Systems, Computer Networking, Introduction to the Theory of Computing

Work

LeasePlan Digital B.V   https://www.ayvens.com/nl-nl/
DevOps Engineering   *Dec 2023 – Jun 2025*
- Designed, developed, and maintained reusable Terraform modules for provisioning AWS infrastructure, enabling product teams to deploy resources securely and consistently.
- Ensured long-term stability by keeping infrastructure code compatible with the latest AWS provider versions, managing module versioning and lifecycle updates.
- Acted as a key enabler for Infrastructure as Code (IaC), educating product teams on Terraform best practices and supporting their adoption of modular IaC patterns.
- Supported smooth and secure migration of applications into AWS Landing Zone, ensuring compliance with organizational standards.
- Played a key role in onboarding and deploying applications to Amazon EKS, providing guidance on cluster integration, manifest structuring, and operational readiness.
- Led and supported EKS cluster operations, including version upgrades, node pool management, and in-depth troubleshooting of runtime issues.
- Collaborated with the Landing Zone team on cloud cost optimization initiatives, implementing improvements across compute, storage, and networking.
- Worked closely with development teams to rearchitect applications for better performance, scalability, and cost efficiency on AWS.

Keywords: AWS, Terraform, Ansible, EKS, Linux, FluxCD, GitOps, kustomize, Gitlab, Python, Gitlab

Microfocus   https://www.opentext.com/en-gb/about/brands/microfocus
SRE   *May 2022 – Nov 2023*

- Supported the organization-wide Cloud Transformation Program (CTP) by helping product teams adopt AWS infrastructure and services effectively.
- Designed and developed Terraform modules for key AWS services, enabling scalable and consistent infrastructure provisioning across teams.
- Maintained and updated infrastructure code to ensure compatibility with the latest AWS provider and module versions.
- Guided product teams in adopting and using Terragrunt modules, providing technical enablement and usage best practices.
- Handled daily incident response and service requests from product teams, ensuring platform reliability and responsiveness.
- Led the implementation of Grafana Enterprise for centralized monitoring of AWS infrastructure and services.
- Built custom Grafana dashboards for various AWS components (e.g., EC2, RDS, ELB), improving visibility into system performance.
- Developed an SNMP-based monitoring workflow for Checkpoint Firewalls, enhancing observability of network components.
- Set up firewall log monitoring using Grafana, Promtail, and Loki, enabling real-time insights into network traffic and anomalies.
- Implemented AWS Image Builder pipelines for secure and automated AMI hardening, creation, and distribution.
- Onboarded AWS Backup to safeguard critical infrastructure components, with cross-region and cross-account support for disaster recovery scenarios.

Keywords: AWS, Terraform, GitHub, Grafana, Prometheus, Linux, Terragrunt, Python

Hirevue   **https://www.hirevue.com/**

DevOps Engineer   *Jun 2021 – May 2022*

- Established and maintained CI/CD pipelines for deploying microservices to AWS ECS clusters, improving release velocity and reliability.
- Managed Infrastructure as Code (IaC) across multiple environments including DEV, STAGING, PROD, and CUSTOMER STAGING using Terraform.
- Led efforts to migrate manually provisioned infrastructure into Terraform, enabling better scalability, version control, and automation.
- Improved and stabilized deployment workflows by identifying bottlenecks and addressing issues in build and deploy pipelines.
- Collaborated with the InfoSec team to remediate vulnerabilities in AWS infrastructure and ensured security compliance.
- Onboarded new services into the platform and partnered with development teams to integrate them into the existing ecosystem.
- Monitored infrastructure performance and availability to ensure uptime and proactively addressed operational issues.
- Containerized a complete Pytest automation framework, enabling browser-based test execution using a headless Chrome driver, improving test portability and scalability.

Keywords: AWS, Terraform, GitHub, ECS, Terragrunt, Linux, Jenkins, Python

Globallogic   **https://www.globallogic.com/**

DevOps Engineer   *Jul 2019 – Jun 2021*

- Single SPOC from offshore for DevOps requirements. Managing Dev and QA deployments for 5 products.
- Writing new roles, Ansible playbooks for new requirements including new components in the deployment. Implemented CI/CD on Azure DevOps portal for legacy desktop applications.
- Migration of CI/CD pipelines from GoCD tool to Azure DevOps for one of the products. Helping in all the build and deployment related issues.
- Managing the build servers consisting of windows & linux being used in CI/CD.
- Work on the tasks allocated from onshore for each sprint.

Keywords: Ansible, Azure DevOps, BitBucket, Linux, Windows Server, GoCD, CI/CD

Rivigo Services Limited   **https://mahindralogistics.com/b2b-express/**

DevOps Engineer   *Feb 2019 – May 2019*

- Worked in atmosphere of cross-functional team within the organization's Agile project life-cycle. Launching new instances for various requirements by DEV/QA teams.
- Taking AMI backups to preserve server configurations for linux servers (ubuntu and amazon linux)
- Setting up Cloud Watch alerts for new instances and changing thresholds for existing ones. Configuring auto scaling groups to launch new instances.
- Worked with architects, developers, QA and cloud development team to implement cloud applications, systems, and automated processes.
- Part of the core engineering team responsible for designing the new platform to host applications in AWS through ANSIBLE, JENKINS and DOCKER on Linux OS environments.

Keywords: AWS, Jenkins, GitHub, Linux, Docker, CI/CD

Amdocs **https://www.amdocs.com/**

Technology Integration Engineer *Aug 2017 – Feb 2019*

○ Working on AWS cloud-based servers.
○ Manage Production/Pre-Production deployments via Jenkins CI/CD model that used to take place in every three week sprints.
○ Managed different environment servers using CM tool like Ansible. Deployed the changes as Hotfix on QA/UAT/PROD env.
○ Integrating Git with Jenkins and Nexus in continuous integration and configured Jenkins with Poll SCM build trigger. Automating build process for creating JAR/WAR artifacts using Maven.
○ Monitored the PROD env with the help of monitoring tools like SPLUNK.
○ Installation of packages through YUM & RPM on different Linux environments using Ansible

Keywords: AWS, Jenkins, GitHub, Linux, CI/CD, Ansible

HCL Tech **https://www.hcltech.com**

Technology Integration Engineer *Aug 2014 – Aug 2017*

○ To manage the Database containing the specific and confidential Information. Managing incidents and providing resolutions within stipulated SLA's.
○ Root Cause Analysis for high priority incidents.
○ Monitoring various data input/output jobs running daily.

Keywords: PL/SQL, Linux, Bash Scripting, SQL, MYSQL

Languages

English: Native or Bilingual Proficiency

Skills

AWS: Expert	**Keywords**: VPC, EC2, S3, Serverless, Lambda, ECS/EKS, ASG, ALB/NLB, RDS, Route53
Azure: Beginner	**Keywords**: Resource Groups
CICD: Intermediate	**Keywords**: Jenkins, Azure Devops, Github Actions
Containerization: Intermediate	**Keywords**: EKS, Docker/Docker Compose, ECS, CKA, CKAD
Monitoring: Intermediate	**Keywords**: Grafana, Prometheus, ELK/EFK, Loki, OTEL
Configuration Management: Intermediate	**Keywords**: Ansible
Infrastructure As Code: Intermediate	**Keywords**: Terraform, Terragrunt

Operating Systems: Intermediate **Keywords**: Linux (Ubuntu, RHEL, Amazon Linux), Windows Server (2016, 2019, 2022)

Scripting: Intermediate	**Keywords**: Bash, Python
Databases: Intermediate	**Keywords**: Oracle, MYSQL

Certificates

Certified Kubernetes Administrator
The Linux Foundation *May 2027*

Certified Kubernetes Application Developer
The Linux Foundation *Apr 2027*