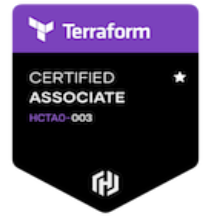




Vivek Saskar

DevOps Engineer



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Seeking a DevOps Engineer role in a reputable organization where I can apply and leverage my expertise in the Cloud space using DevOps tools, aiming to streamline software delivery processes through automation, continuous deployment & help boost operational efficiency in agile environments while advancing my career.

PROFILE SUMMARY

- A 3 + year experienced, tech-focused DevOps Engineer proficient in Cloud, DevOps, and Network operations, with additional experience as a Subject Matter Expert (SME).
- Adept at creating, managing resources, containers, end to end pipelines, scripting & infrastructure.
- Responsible for incident management at L2 level, troubleshooting and enhancing system performance while ensuring compliance and efficient problem-solving across cross-functional teams.
- Currently serving as a System Engineer at Tata Consultancy Services for Energy & Gas client in US & Canada, driving application enhancements, implementing devops best practices, supporting cloud migrations, root cause analysis, ensuring continuous availability, scalability and security.

WORK EXPERIENCE

May 2021 – Present (3.1 Years)

System Engineer

Tata Consultancy Services

Client: Energy, gas & light company [US & Canada]

Project: Offshore, Development support and operations

Responsibilities:

- **Automation Champion:** Created/managed cloud and on prem instances, ensuring streamlined deployments, configurations, and monitoring and writing custom automation scripts in Python and shell, boosting overall advances with efficient use of terraform for rolling services on demand.
- **DevOps Advocate:** Contributed to the all round software development phases with well-designed, testable solutions, implementing DevOps toolchains, and driving adoption of agile practices for enhanced performance & reliability for development and operations team.
- **Cloud & Infrastructure Specialist:** Utilized expertise in multi platform cloud infrastructure creation also building complete robust CI/CD pipelines in jenkins, AzurePipeline and CodePipeline.
- **Containerization & Orchestration Expert:** Containerized microservices using docker and kubernetes orchestration (EKS managed clusters) capabilities for application consistency and scalability.
- **Solutions Architect:** Reduced deployment time by 50% and increased development team productivity by 30% through adoption of best cloud-native DevOps practices. Increased system performance by 20% through updated and secure network infrastructure design, including different infrastructure site setups for production ready environments. Executed 8/10 system updates & audits for cost optimization with compliance and CSR renewals.
- **Monitoring and logging:** Utilized monitoring tools (Manage engine, Prometheus and Grafana) enabling traceability and resolution, minimizing downtime and service disruptions.
- **All round Problem Solver:** Ensured prompt priority resolution P1,P2 through cross team bridge troubleshooting resulting in increased service uptime, improving end user and customer experience.

EDUCATION [MCA]

08/2021 - 08/2023, Thanjavur, TN.

MASTERS IN COMPUTER APPLICATION SASTRA UNIVERSITY

Project: Leveraging the best of Automation.

SKILLS

Software Language	Python, Java
Tools used	Git, GitHub actions, Docker, Kubernetes, Jenkins, Ansible, Terraform, Linux, Service now, Git Ops (ArgoCD), F5 load balancer, Bitbucket, Nginx, network ops, AWS , secOps. <i>Monitoring:</i> Manage Engine, Prometheus, Grafana.
Cloud	Azure, AWS, Terraform, Digital Ocean, (PaaS,SaaS)
Technology	ITIS, Software engineering, Administration.
Scripting language	Python, shell, Full-Stack Django, go, YAML
Soft skills	Innovator, Collaborator, Leader, Mentor, Ethics

PROJECTS

- Built a complete CI/CD pipeline using jenkins for a java app using maven and deployed artifacts on tomcat server custom docker container and kubernetes cluster using Azure devops practices as cloud provider.
- Decisive use of AWS Devops tools to create Pipelines for nginx apps for change detection using managed monitoring : cloud watch logs in S3 (triggering automation)
- Created & optimized microservices by running them on containers & orchestrating their deployment for auto-scaling.
- Insightful infrastructure creation using terraform and configuration using Ansible on AWS EC2 services and Azure Virtual machines practicing lac.
- Experimented a responsive 2 tier app using ECS, lambda & Code Pipeline in AWS.
- Led Docker Chat bot creation using YAML on NLP in TCS Ignite training incubator project.
- Being in the AR/VR team in TCS ILP contributed to making 3D models & games using tools like Unity, blender, along with other ML incubator projects like sentimental analysis tool using trained Twitter API.

CERTIFICATIONS

- ❖ Microsoft Certified Azure Administrator Associate. [AZ-104]
- ❖ Microsoft Certified [AZ-400]: Designing and Implementing Microsoft DevOps Solutions.
- ❖ HashiCorp Certified: Terraform Associate.
- ❖ Udemy Linux Mastery | Docker | Kubernetes |

HONORS AND AWARDS

- ★ **Star Alumni Award**
Ashoka center for Business & Computer Studies.
- ★ **Star of the month Award**
Tata Consultancy Services.
- ★ **Best Team Award & ON spot team award**
Tata Consultancy Services.
- ★ **CHATBOT Development Appreciation**
Tata Consultancy Services.

PERSONAL DETAILS

Date of Birth: 20th September 2000
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