

# Salim Shaikh

Consultant with background in Infrastructure, DevOps and Cloud automation with 9+ years of experience in multi-cloud environments. Certified in Kubernetes and AWS with the mindset of learning new technologies and always open for new challenges.

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## EXPERIENCE

### S&P Global, Hyderabad– Lead Cloud Engineer

Oct 2022 – Present

- As a member of the Cloud and Platform Architecture team, my primary focus has been on designing and implementing cloud-based solutions for IDP (Internal Development Platform) using Spotify BackStage and DevOps/DevSecOps strategies
- I have developed an Internal Development Platform frontend utilizing Backstage for developer usage and ServiceNow for non-developer requests. All automation and catalog items are fully integrated with GitHub Actions source code.
- Demonstrated proficiency in Helm, Argo CD, Argo Workflow, Flux CD, GitHub Actions(GitOps), Python, Golang, and Bash to build and maintain a self-service Kubernetes platform for software promotion by leveraging GitOps principles.
- Written automation for IAC and Application code scanning by leveraging tools such as Wiz, Checkov, Mend, SonarQube, Fortify in Github Action pipeline as part of our efforts toward enhanced Cloud Security also integrated OpenAI prompt suggestion feature in the platform.
- I have extensive experience in leveraging tools such as Ansible Tower, Terraform, AWS, Azure, GCP and Vmware on Cloud (VMC) to build automated solutions in cloud
- One of my notable projects involved working on a cost optimization initiative, where I utilized tools such as Apptio Cloudability and CloudHealth to help reduce costs and improve efficiency.
- Designed and automated Day 2 Operation by building automated solutions which works across different cloud platform(cloud agnostic) including on-prem
- I crafted and deployed a fully automated server decommissioning solution, spanning AWS, Azure, VMware Cloud (VMC), and on-premises setups. This innovation dramatically cut decommissioning time by about 90% and lowered costs significantly through streamlined automation.

## SKILLS

AWS/Azure/Vmware on  
Cloud(VMC)

Kubernetes

Dockers

Terraform

Ansible Tower

GitHub Actions, GitOps

Chef Automation /Chef Server

Linux ~ RHEL/Centos/Ubuntu

## Certifications

Certified Kubernetes  
Administrator

AWS Certified Developer  
–Associate

AWS Certified Solution  
Architect –Associate

AWS Certified SysOps  
Administrator – Associate

VMware Certified  
Professional 6– Data Center  
Virtualization

Windows Server 2008 Active  
Directory, Configuration

Windows Server Hyper-V and  
System Center Specialist

## Amazon Web Services, Hyderabad– Cloud/DevOps Engineer – L4 (Container Services)

Aug 2021 – May 2022

- Part of Amazon Web Services container deployment team, working as container expert and helping customers to containerize and migrate their application from on-premises or from other cloud to **AWS ECS, EKS** and other **AWS native** DevOps services /solutions
- Responsible for creating roadmaps and architecture workflow for Enterprise/Business customers by coordination with TAM's and product solution architect.
- Apply advanced troubleshooting techniques to provide tailored solutions for customers and drive customer interactions by thoughtfully working with customers to dive deep into the root cause of an issue.
- Experience in handling issues related to **Docker/Kubernetes** and helping customers to deploy micro services based solutions in AWS Cloud.
- Partner with Amazon teams in India to help reproduce and resolve customer issues.
- Work on critical, highly complex customer problems that may span multiple AWS services.

### LANGUAGES

English, Hindi

## Genpact, Hyderabad– Cloud/SRE/DevOps Consultant

March 2020 – Aug 2021

- Involved in cloud to cloud migration projects and planning used tools in projects are **Chef, Docker, Kubernetes, Terraform**
- Experience in deploying Infrastructure using IaC tool such as Terraform and for system configuration well versed in writing Chef cookbooks and recipes
- Hands on experience in writing DockerFiles and manifest files for Kubernetes
- Worked on requests which required us to build custom Docker images by using existing cookbooks to bootstrap base image os and implement s6 overlay in Docker image to mimic systemd/service like behavior for process holding inside container
- Troubleshooting curiosity/hands-on experience in troubleshooting unmanaged and managed Kubernetes cluster components and finding RCA

- Infrastructure inventory automation: created server less(sls) function which triggers every 24hrs in AWS lambda environment, created Python script which query NAAPI(no another api) endpoint and generate custom payload in json which contains cloud inventory later payload push to db endpoint same python script is injected to sls function
- Experience in developing chef cookbooks and writing Ruby block in some cases if out of the box modules are not available
- Experience building CICD pipeline in Jenkins as well in Azure DevOps.

## **Morningstar, Mumbai — Infrastructure Ops/ DevOps Engineer**

April 2017 - July 2019

- Written **Chef Cookbooks** and recipes from scratch to automate application deployment in AWS and on premises environment
- Integration of Chef Cookbook with Rundeck for Continuous Deployment.
- Virtual machine (RHEL/Centos/Windows) deployment as per sprint assigned in AWS and VMware environment.
- Creation of Automation job in Control-m to automate server patching and script jobs.
- Documentation of automation process and POC in Wiki to share with teams located in remote locations.
- 2nd Line Global Infrastructure Support for all Morningstar Servers (Linux and Windows) and Network (**13000+ VMs & 5PB+ Storage**)
- Designed and architected Azure Update Management in Hybrid environment to patch server hosted in-house as well as in AWS
- Worked with several AWS services like EC2, EBS, S3, VPC and Cloud Watch.
- Responsible for creating on-demand EC2 instances.
- Support of product websites and supporting infrastructure including **F5 Load Balancer** Traffic Manager.
- BSA BladeLogic Automation deployment testing and creating report BSA Dashboard for monthly job schedules.
- Configured WSUS in five sub-regions across the globe and integrated with Azure Update Management.

## **BNP Paribas India Solution Pvt Ltd. *Mumbai***

**Role and Responsibility:** Server Administrator via DSM Infocom Pvt Ltd.

Dec 2015 - Nov 2016

- Led server infrastructure development, quality assurance, staging and production systems.
- Provisioning of Server in Virtual and client owned cloud environments.
- Identify and analyze the issues that hamper the performance of the system, and work in close coordination with the product development team and recommend a solution for the issues.
- Plan, tested, and introduced new systems into the infrastructure.
- Worked extensively with security engineers to research cyber security issues
- Independently identified and performed general administration/engineer tasks (patch, application upgrades, etc.) on over 50 Red Hat Linux servers.

**Role and Responsibility:** Service/System Engineer via Microland Ltd.

June 2014 - Dec 2015

- Provided level-1 problem identification and support during normal to semi-critical situations.
- Managed daily activities to include user support and system administration tasks.
- Troubleshoot, analyze and resolve system problems during patching.
- Configure network VLAN and assign IP address.
- Providing 24X7 support for Linux machines.

## **EDUCATION**

**Universal College of Science and Commerce, Mumbai —  
*Bachelors of Science (Information and Technology)***

Dec 2009 - July 2013