

Mohd Belal Siddiqui

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Key Skills:

- Linux, Python, AWS, Kubernetes, Git, Jenkins, TeamCity, Shell, Terraform, Ansible, Elasticsearch, Prometheus, Grafana, ArgoCD, Kafka, Redis

Highlights of Qualifications:

- A qualified B.Tech in (IT) from AIET Lucknow (GBTU) in 2012
- An Engineering graduate with 12+ years of IT experience.
- Excellent communication, research, and documentation skills

Technical Skills

- Operating systems: Linux (Ubuntu, CentOS)
- Ticketing Tools: JIRA, ServiceNow
- Automation: Python, Shell, Groovy
- Creating Docker images as per requirements
- Managing and monitoring Kubernetes infrastructure
- Using Git with Jenkins for code deployment
- Infrastructure as Code: Terraform, CloudFormation, Ansible
- AWS: OpenSearch, CloudFormation, Lambda, EKS, Kafka, Redis, SNS, SQS, AWS MQ, RDS, CloudWatch
- Handling on-call escalations
- Monitoring tools: Prometheus, Elasticsearch, Grafana, Thanos, Alert Manager, AppDynamics, Dynatrace
- CI/CD: Jenkins with Git
- Strong Linux/Unix concepts
- ArgoCD for Kubernetes deployment statistics
- Using Kafka and Redis for queuing and caching

Professional Experience:

Commonwealth Bank of Australia (CBA)

April 2024 – Present

Sr. System Engineer

Responsibilities:

- Working on onboarding services to AWS
- Create Infrastructure through CloudFormation
- Provide CD pipeline to Consumers
- Automating Existing manual task
- Creating New Features for Consumers as per requirement
- Automating Existing workflow to create new PR's

Paytm Noida

Sep 2021 – Mar 2024

Senior Site Reliability Engineer

Responsibilities:

- Working on AWS Services.
- Automating Infrastructure Using Terraform and Ansible.
- Automating Deployments Using Git and Jenkins.
- Automating Helm charts Deployments in Argo CD.
- Setting Up Jenkins pipelines.
- Complete infra is created through Terraform for prod and non-prod, we have written modules for every service and resource we use in AWS.
- Migrating on-demand instances on Spot instances.
- Migrating On-Prem Applications to AWS.
- Setting up ElasticSearch.
- **Using** MongoDB and Aurora Mysql DB as backend database, and Time-series database for Prometheus.
- Setting Up Kafka Cluster.
- Using very widely Elasticsearch and AWS Open search for Applications processing data as well as for logging purposes as well.
- Also got selected as a member of SME in Elasticsearch across Paytm.
- Writing all the automation in Python, shell, groovy

Sabre Travels and Technologies

July 2019 – Sep 2021

Project: Airlines and Hospitality Solutions

Responsibilities:

- Working on AWS (Linux and Windows Machines).
- Owning 80 + microservices running on AWS and On-prem.
- Automating CI/CD process for the deployment process.
- Handling Cloud services.
- Handling On-call rotation.
- Working on daily incidents.

- Setting up AppD and Splunk alerts for new applications.
- Fixing Vulnerabilities and Updating in AMI or Gold Builds.

Intuit, Bengaluru, Karnataka DevOps Engineer **July 2018 – July 2019**

Project: TURBOTAX.COM, MINT

Responsibilities:

- Working on AWS (Linux and Windows Machines).
- Using Micro-services to run each module independently.
- Automating alerts setup.
- Automated CloudWatch alerts for all services.
- Automated AWS instance creation using Ansible.
- Automated and set up Cron jobs for Disk Space, Memory, and CPU utilization alerts. • Integrated Slack with monitoring tools to get alerts in one place.

Ness Technologies, Bengaluru, Karnataka **July 2015 – July 2018**

Project: - ART.COM, ALLPOSTERS.COM

- Working on On-Prem Servers
- Setup the Alerts in Nagios
- Setup Alerts in Pingdom
- Manage on call rotation
- Working in 24*7 Shifts

System Engineer Sap Labs, Bangalore **February 2014- July 2015**

- Working on On-prem servers
- Fixing Disk space issues
- Working on Deployments
- Assisting other team for Infra setup

Linux Admin

Wipro Technologies, New Delhi

Oct-2012 – Nov-2013