

ASIF AHMAD KHAN

(DEVOPS ENGINEER)

CONTACT

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EDUCATION

Swami Vivekanand Institute of
Engineering and Technology, Punjab
Bachelor of Technology (CSE) 2020-24

Woodland Academy, Gorakhpur
Senior Secondary 2017-18

Khalilabad Inter College, Khalilabad
High School 2015-16

TECHNICAL SKILLS

Technologies - DevOps, AWS, Azure
Azure Services - VM, Azure function, CDN, Blob Storage
AWS Services - EC2, IAM, AMI, SES, CloudWatch, EBS, S3, RDS, Route53, VPC, WAF, Application LB
DevOps Tools - Jenkins, Docker, Nginx, Ansible, Terraform, New Relic, Prometheus, Grafana, Uptime, Alloy, Loki, ECS & ECR, Kubernetes
Testing Tools - SonarQube
Version Control - GitLab, GitHub, Bitbucket
Operating System - Windows, Linux

CERTIFICATE

- Python Programming - From Technical Guftgu
- Linux/Unix from Udemey
- CCC from NIELIT
- AWS Certified Cloud Practioner from Udemey

TRAINING

- AWS DevOps from HeyDevOps
- AWS Solution Architect training from Naresh i Technologies.
- Python from Technical Guftgu.

INTERESTS

Photography | E-gaming | Cooking

PROFESSIONAL SUMMARY

DevOps & Cloud Engineer with over 1 year of hands-on experience in designing, deploying, and managing scalable AWS cloud infrastructures. Proficient in Infrastructure as Code (IaC) using Terraform and Ansible, CI/CD pipeline development. Skilled in automating deployments, improving operational efficiency, and ensuring high system reliability. Highly adaptable and committed to continuous learning, with a strong focus on contributing effectively within fast-paced and collaborative team environments.

EXPERIENCE

MUNJAL CHAKRABORTY SOFTWARE AND MEDIA PVT LTD,
DevOps Engineer

December 2024 – present

- Managed AWS cloud infrastructure for 17 instances, including **EC2, RDS, IAM, VPC**, using CloudFormation templates, optimizing resource utilization by **30%**.
- Automated server setups using **Terraform** and **ansible**, monitored performance, and implemented security measures for high availability and scalability.
- CI/CD Pipelines: Designed and maintained pipelines using **GitLab CI** and **Jenkins** for efficient application deployment.
- Backup & Recovery: Implemented backup strategies to safeguard **critical data and ensure application resilience**.
- Designed centralized application logging and monitoring using **Grafana, Prometheus, Alertmanager, and Loki**, with S3 integration for extended log retention.
- Client Collaboration: Worked with major clients like **PayU** on critical projects including **global payments, HDFC UPI AutoPay, and Paytring**, managing deployments in their infrastructures (UAT) across EC2 and manage Production environment of **Indigo**.

Code Brew Labs: Chandigarh

DevOps Engineer Trainee

March 2024 – November 2024

- Gained hands-on experience with AWS services such as **EC2, S3, RDS, IAM, ElastiCache, VPC**, and **Route 53**, as well as Azure services like **Virtual Machines, Blob Storage, MySQL Server, and Azure Functions**.
- Managed and optimized **LEMP** stack infrastructure, configuring **Linux** servers with **NGINX, MySQL, and PHP** for efficient web application deployment.
- Set up **SMTP** using **Mailgun** and pointed domains with various providers (**GoDaddy, Hostinger**, etc.).
- Implement **Prometheus** and **Grafana** on the company's different servers including development and Production servers and set **Grafana alerts** on **domains**.
- Client Collaboration: Worked directly with clients like **Grintafy, GasItUp, Homie, Sozu, Aternofy, Pala De, and Rasakart**, assisting in deployment and infrastructure management.
- Configure the AWS VOD solution in the client AWS environment using **CloudFormation**, leveraging **S3, MediaConvert, Lambda, CloudFront, SES** and other services for scalable, automated video delivery.
- Built a scalable Azure VOD pipeline to convert **MP4 to M3U8** using **ffmpeg**. Designed and implemented the solution using **Azure VM, Blob Storage, and Azure Functions** triggered by blob events. Configured Azure Blob event subscriptions with webhooks to fetch final M3U8 URLs automatically.