



## CLOUD/DEVOPS ENGINEER & AWS AUTHORISED TRAINER

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### ABOUT ME

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**#DiverseExperience #AWSCertified #GoogleCloudCertified #AuthorisedTrainer #KnowledgeHungry  
#GoalOriented #TechLover #AlwaysOpenForNewChallenges #QuickLearner #TeamLeader  
#SelfMotivated #CoffeeLover #Hodophile**

### CERTIFICATIONS

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- **Amazon Web Services**
  - AWS Authorised Instructor
  - AWS Certified Solution Architect – Professional (LH65G0EKH MV11635)
  - AWS Certified Solution Architect – Associate (6BZKCNEK1FRQ1B31)
  - AWS Certified SysOps Administrator – Associate (1GKTN3BK114EQ0SE)
  - AWS Certified Developer – Associate (XRSZ1WYKCEQ4QD GW)
  - AWS Certified Security – Specialty (1KZDCHK1LFF1QX5C)
- **Google Cloud**
  - GCP Certified Associate Cloud Engineer (ORGXw7)
  - GCP Certified Professional Cloud Architect (r5gtdN)

### WORK EXPERIENCE

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#### **DevOps Engineer | Contract, Apr 2020 – Present, Modus Create, USA**

- Migrated EKS cluster to latest available version for stage and production environment with zero downtime.
- Written shell & python script for GitLab CI/CD to maintain dynamic dev environment.
- Carried out cost analysis and reduced monthly AWS bill by nearly 40% by introducing Spot instances for dev environment and downsizing underutilised Elasticache & Aurora clusters.
- Implemented RDS Proxy to manage database connection efficiently.
- Introduced nginx Ingress for EKS clusters to replace Load Balancer services.

#### **DevOps Engineer | Freelance, May 2020 – Present, Toptal, USA**

#### **AWS & GCP Authorised Trainer | Freelance, Mar 2020 – Present, Trainocate, India**

#### **Cloud Consultant | Contract, Oct 2018 – Jun 2020, Coditas, Pune**

- Automated infrastructure deployment of centralized logging framework which includes Kinesis Firehose, S3, SQS, SNS, ELK, API Gateway and Lambda using Terraform.
- Implemented Jenkins in conjunction with AWS CodeDeploy to automate code deployment cycle.
- Used Jenkins for automating deployment of containers on K8s.
- Restricting user/service access to K8s cluster using custom RBAC ClusterRole/Role.
- Writing YAML files for deploying micro-services on EKS. API resources used: Deployment, Service, Ingress, PV, PVC, StorageClass, ConfigMap and Secret.
- Written custom fine-grained IAM policies for restricted access to AWS services.
- Implemented advanced monitoring using Sensu Core and Grafana.
- Deployed secure bastion server which logs each and every activity of users.
- Performing Vulnerability assessment periodically using AWS Inspector.
- Automated patching of Windows server with Important and Critical Updates during weekend using AWS Systems Manager.

### Remote Contractor, May 2018 – June 2018, Eximchain, Singapore

- Worked on Golang, Terraform, Packer and Tencent Cloud.

### Founder | Full Time, Feb 2016 – Dec 2017, Ezstrax.com, India

- Successfully established and built a payment gateway company to help businesses collect e-payments with ease and without online presence.
- Managed all aspects of business from initial scoping to final testing and delivery, along with taking company to revenue stage.
- Designed & developed the overall payment gateway application from scratch.
- Deploying application on AWS keeping HA and Security in mind.
- Deployed WAF for protection against OWASP attacks.
- Used Terraform to manage AWS infrastructure.
- Implemented CI/CD pipeline using CodeBuild, CodeDeploy, CodePipeline and GitHub.

## EDUCATION

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### 2014 – 2015

#### Middlesex University, London

MSc Computer & Network Security

*(Merit – 2:1)*

### 2011 – 2014

#### MITSOM College, Pune

BCA (Bachelor of Computer Application)

*(72.21% - First 1:1)*

## SKILLS

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### IT Skills:

- **Cloud Computing** – AWS, Google Cloud
- **Scripting** – Python, Shell
- **DevOps** – GitHub, Terraform, Docker, Kubernetes, Jenkins, GitLab CI/CD