ABHISHEK SHARMA

CLOUD ARCHITECT

Contribution	*https://github.com/the-aws-lab*	Website	*https://abhisheksharmaa.com/*
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SUMMARY

Cloud Architect with 5+ years of experience in infrastructure set up and management, designing effective solutions and resolving business critical issues on cloud.

Responsible for technical design using requirement specifications and use cases by collaborating with the product management and business on product requirements.

Working experience on **Amazon Web Services** and **Google Cloud Platform** planning and deployment

Self-learner, possess a flexible and detail oriented attitude.

SKILLS

- Amazon Web Services
- Google Cloud Platform
- Python, HTML, Javascript, Ansible, Terraform, Docker, Jenkins, Kubernetes,GitHub
- Platform: Microsoft, Unix
- Development Tools:VS Code

CERTIFICATIONS

WORK EXPERIENCE

Cloud Architect, Coditas: Dec 2018 - Present

- Partner with application managers to develop capacity requirements for new projects as well as utilization thresholds for existing environments.
- Serve as the deep **Subject Matter Expert** in the development of cloud infrastructure solutions which includes multi/hybrid cloud designs and implementations.
- Specialized in the best practice design, operations and support of private/public cloud infrastructure including **Network, Storage, Compute** and **Security**.
- Applied knowledge of Devops tools and Infrastructure as code development and deployment.
- Worked **on ECS Fargate and EC2, S3, Cloudfront, Route53, VPC, DocumentDB** using **CloudFormation**
- Performance Management and Reporting using **Grafana** and **CloudWatch**.

- Creating, deploying and managing applications on App Engine, Compute Engine, Kubernetes Engine, VPC, Cloud Load Balancing etc.
- Experience in deploying microservice framework on **Kubernetes**.
- Configure **Ingress Controller**, **Horizontal Pod Autoscaler** and **Cluster Autoscaler**, Stateful Sets in Kubernetes.
- Set up and configure CI/CD using **Jenkins**, **Code Build**, **CodePipeline** to automate **Unit Testing, Build, Deployment, Artifact Versioning and Archive, Headless Functional Testing**.
- Automated infrastructure provisioning on AWS using **Terraform** and CloudFormation.
- Setup AWS Elasticsearch integration with AWS **Cognito**

Software Engineer, HSBC: Jan 2017 – Dec 2018

- Data Analysis using **ElasticSearch**, **Logstash** and **Kibana**
- Built a performance center reporting dashboard using HTML, CSS, Javascript as front end technologies and python django, oracle for backend purposes.
- Automation of mundane tasks using Excel VBA, Python, Rest API and OTA.
- Proficiency in managing QC, PC, Load Runner, UFT as Lead admin.
- Set up and configure production infrastructure of Quality Center
- Data transfer and migration between distinguished environments using python

Software Developer, HSBC: Dec 2014 – Jan 2017

- Lead, Administer and Monitor the production infrastructure of ALM Quality Center 12.53, HP Performance Center 12.50, HP LoadRunner 12.50 and HP UFT 14.
- Maintenance of user accounts and authentication via LDAP/Active Directory. Ensure users have the right roles/permissions to accomplish their tasks.
- Experience in installing, upgrading, patching, configuring and administering DevOpstools.