Amit Kumar

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**Career Brief:**

* 59 months of Professional Experience.
* Having technical experience As a DevOps Engineer on AWS Cloud platform.
* Worked on DevOps tools like Git, GitHub, Jekins, Ansible, Docker, and Kubernetes on AWS cloud platform.
* Professional Exposure of AWS Infrastructure & AWS Developer Tools.
* Excellent team building and team management skill, good communication skill, proficiency in grasping new technology quickly as well as good analytical skill.

**Technology:**

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| Cloud Platform | AWS (EC2, ECS,EKS,VPC, S3, IAM, Cloud watch, Cloud Trail, Systems Manager, Cloud Front, Code Pipeline, Code Build, Cloud Formation ,Code Deploy, Elastic Beanstalk etc.) |
| Database | MS SQL Server |
| Scripting Language/OS | Bash Scripting/Red Hat Linux |
| Continuous Integration | Jenkins |
| Monitoring Tools | Cloud watch(AWS),New Relic, Grafana |
| Version Control System | GitHub |
| Configuration Management | Ansible |
| Containerization platform/Deployment | Docker, Kubernetes |
| Cloud Automation tool/Provisioning(IAAC) | Terraform, Cloud Formation |

**Career Profile:**

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| **Dates Organization Designation** | | |
| September, 2015 – Present | Cognizant Technology Solutions | Tech Lead |

**Project Details:**

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| Project | ESA Cloud Operations. |
| Company | Cognizant Technology Solutions |
| Period | Aug 2017 – Present |
| Role | **DevOps Engineer** |
| Responsibilities | * Worked with GIT version controls. Creating branches/tags   for new release. Administration of Git -backup, rollback,  revert, cloning code to local from GitHub etc   * Administration of Jenkins- backup, installing required   Plugins for builds for generating project artifacts. Integrated  SonarQube for Static code analysis and other 3rd party tools.  Written Jenkinsfile for different CI/CD pipeline for delivery &  Deployments and Deployment of codes to Docker Containers  Through Jenkins pipeline.   * Written playbooks for patching of hosts, Configuring ports,   creation of users, copying data to multiple nodes, Creation of  database on nodes. Executing different shell scripts for automation purpose on multiple nodes.   * Worked On Docker File Creation and any modification   required for application. Container and Image Management.  Network creation and integrating different containers to the  those networks(bridge and overlay).Worked on volume creation  and management of containers.   * Written manifest file for deployment of pods to different environments. Volume management of multiple pods. Creation and management of services. Maintenance of secrets for storing passwords and other confidential information. * Automation of infrastructure through terraform. Like: Creation of clusters and Creation of different environments. |
| Technology | Tools: AWS Management Console, AWS CLI, Jenkins, Git, Github, Ansible, Docker, Kubernetes, Terraform, Jira, SonarQube |

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| Project | Extended Stay America Inc. |
| Company | Cognizant Technology Solutions |
| Period | March 2016 – July 2017 |
| Role | AWS Cloud Ops Engineer |
| Responsibilities | * Worked on EC2 (ELB, AUTO SCALING, EBS). Configured Auto   scaling policies and configuration for the different  Environment.   * Creation of users and attaching IAM policies on need basis   and giving required authorization/permissions to console  and AWS resources.   * Worked on S3 for creation & management of buckets and also to Control bucket access through bucket policies. * Monitoring of various resources through cloud watch. Creation of Cloud watch Log groups and cloud watch metrics. * Worked on VPC and its components for Management & configuration   Of network security using Security Groups and NACL, VPN.   * Used Systems Manager for patching of instances. * Creation of trails through cloud Trail service for continuously monitoring the AWS account activities taken through Console or CLI. * Used Cloud Front for the change configuration of edge locations Cache behavior, origin settings other options. * Creation of Clusters and AWS infrastructure for different environments through Cloud formation. * Responsibility of creating Clusters, Containers through ECS, EKS for different environments. * Created CI/CD pipeline for deployment of codes to Containers through Code Pipeline, Code Build and Code Deploy. |
| Technology | Tools & Services:  AWS Console and AWS CLI, CloudFormation,Ec2,S3,IAM,VPC,Code Deploy, Cloud Watch, Cloud Trail, Cloud Front, Code Build, Code Pipeline, Elastic Beanstalk |

**Professional Trainings:**

* Amazon Certified AWS Solutions Architect Associate.

**Qualification:**

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| Degree | Specialization | Institute | Percentage/Grade |
| Bachelor of Technology | Information Technology | Priyadarshini College of Engineering and Architecture, Nagpur | 60.55 |
| Standard XII | PCM | DAV public School, Patna | 78 |
| Standard X | General Subjects | DAV Public School , Patna | 84.23 |

**Declaration:**

**I DO HEREBY DECLARE THAT ALL THE ABOVE MENTIONED INFORMATION IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.**

**DATE: Sep 3, 2020**

**PLACE: Pune**

**Amit Kumar**