**Resume**

**Vinod Kumar**

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**Career profile:**

IT Professional, having around 3.2 years of extensive experience in Cloud Infrastructure Development and Consulting with hands-on experience in Amazon Web Services (AWS) and DevOps implementation .

**Experience Summary:**

• In-depth knowledge of DevOps management methodologies and production deployment Configurations.

• Hands on experience in AWS provisioning and good knowledge of AWS services like EC2,Elastic Bean Stalk, ELB,S3,Glacier, RDS, IAM, Route 53, VPC, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups, , SES, SNS, EFS.

• Experience with Jenkins as Continuous Integration / Continuous Deployment Tool and strong expertise with Git and Jenkins Build Frameworks.

• Good experience Containerizing applications with Docker.

• Involved in to various platform deployments like: PHP, Word press.

• Monitor, build and deploy software releases and provide support for production deployments.

• Experience in deployment of Java application on Tomcat.

• Involved in the functional usage and deployment of applications in Apache Tomcat.

• Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.

• Good Knowledge on Configuration Management automation tool Ansible.

• Skilled in monitoring servers using Nagios, Cloud watch.

• Good knowledge on ITIL process.

• Good experience in JIRA ticketing tool.

• Ability to quickly understand, learn and implement the new system design, data models in a professional work environment.

• Joining daily and weekly sync up calls with Management / Stakeholders and providing the inputs to improve the quality of the service.

**Technical Skills:**

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| --- | --- |
| Cloud/Virtualization Technologies | Amazon Web Services (AWS) |
| Version Control Tools | GIT |
| Orchestration Tool | Docker,Kuberenetes |
| Databases | Amazon Aurora, MySQL |
| CI /CD Tools | Jenkins |
| Config Management Tools | Ansible |
| Web/ Application Servers | Apache ,Apache Tomcat |
| Operating Systems | Ubuntu, CentOS, Amazon Linux |
| Scripting/Programing | Java,python |
| Other Tools | Putty, Nagios |

**Projects1:**

**Title** : **Ecommerce Operations Infrastructure**

**Company**  **: Aspion Technologies Pvt.ltd**

**Client**  : **NetCracker**

**Role**  : **Aws &DevOps Engineer**

**Period**  : **2019 july to till**

**Environments**: **Aws, chef,Ansible, Jenkins, Svn, Maven, Nexus, Docker,K8s**

**Continuous integration**: **Jenkins**

**Configuration management tools: Ansible,chef**

• Building the complete infrastructure which includes Dev, QA, UAT & Production environments on AWS cloud

• Setting up EC2s, Creating VPCs, modifying route tables accordingly, Creating ELBs and configuring them to work on the service ports as per the application’s need.

• Setting up auto-scaling on AWS for Production, UAT and QA environments

• Creating/modifying Route53 entries as per the requirement

• Setting up VPC, public/private subnets as per the requirement

• Creating/managing S3 buckets

• Automated the creating backup of application directories and push it to the S3 buckets and automating the RDS DB snapshots weekly using AWS CLI

• Backup & Recovery using S3 bucket

• An integral part of Cloud Platform Track which includes setting up, configuring & maintaining a stack of Continuous Integration & Continuous Deployment (CI/CD) Tools – Jenkins, Maven, Nexus, Chef.

• Maintaining High Availability, Scalability and Security of applications

• Interacting with clients to gather requirements and manage critical client infrastructures

• Automating and managing Infrastructure using Chef

• Writing Cookbooks from the scratch and maintain it as per the requirement

• Automated application deployment using Chef

• Installing and configuring Jenkins on a Linux machine and created a Master and Slave configuration to implement multiple parallel builds through a build form.

• Configured plugins in Jenkins to interact with the other tools and scripts.

• Manage Build and Release requests using Jenkins and managing plugging.

• Build Java Code in different Jenkins servers as per the schedule.

• Configured and maintained Nexus remote repository for deploying the artifacts and war files.

• Implemented Docker to set up local Development environment

• Setting up the Docker private registry

• Created Docker files and build images and push to the Docker private registry

• Set up the local development environments through Docker containers for new developers

**Project2**

**Title : Arc,STX Cloud**

**Company : ASPION Technologies Pvt.ltd**

**Client : ibexlabs**

**Role : AWS ADMIN**

**Period : 2018 june to 2019 june**

**Environments: Aws,Git,Jenkins,Tomcat, Apache, Ansible ,Docker**

• Launching and configuration of new machines in cloud for client applications

• Creating services using EC2 instances, Auto Scaling, S3, Elastic Load Balancers and AMIs and snapshots by utilizing EBS

• Creating and configuration new production, Dev environments

• Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS

• Setting up Virtual Private Cloud with different subnets, RT, IGW, NAT

• Add and extend disks for servers

• Installing and updating packages

• Configuration, maintenance of apache web server

• Setup and monitoring alerts based on severity

• Utilizing Cloud Watch to monitor resources such as EC2

• Providing support for client side production issues.

• Knowledge on EBS and taking snapshots of volumes. Strong knowledge on LVM's

• Create users, administer users, and create groups, assigned users to group accounts, setting permissions Web servers, file servers, and directory services with the ability to diagnose apache problems.

• Creation of project folders and providing access to the specific users as per the project requirement.

• Configuring ftp and nfs servers for transferring files .

• Creating events in cloud watch to get alerts on various things like cpu utilization , DB connections etc.,

• Monitoring trusted advisor and making changes in servers.

• Writing shell scripts to automate daily tasks.

• Creating and managing AMI’s , snapshots for servers

• Configuring virtual hosting to host multiple websites.

• Writing Ansible playbooks to automate developer tasks like copying code in several servers etc.

• Using ansible playbooks in day to day activities like backups.

• Experience in using Git, GitHub, and Subversion.

• Experience in using Continuous Integration concepts by using tools like Jenkins

• Experience in automation technologies like Ansible, Jenkins,

• Ability to build deployment, build scripts and automated solutions using shell scripting.

• Used Ansible as Configuration management tool, to automate repetitive tasks.

• Creating ACM ssl certificates to require to applications and websites.

• Managing DNS records in Godaddy and route53 as per requirements.

**Declaration:**

I hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

**Place:**

**Date : (Vinod Kumar )**