**Pranay Reddy,**

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DevOps Engineer

As Cloud Support Engineer majorly worked on Public Cloud platform-AWS. Started my carrier as Linux System admin and gathered 6years of Experience. Looking a profession by Job where I can perform automation involving DevOps and implementing CI/CD pipeline over Multi Cloud Platform

***Certifications* :** AWS Certified Solutions Architect - Associate

* My major focus was on **Building, Deploying, Automating and Releasing** of code includes Amazon Web Services (AWS) in Devops Culture through Continuous Integration (CI) & Continuous Deployment/Delivery (CD) as an iterative process and Automation of Infrastructure as Code.
* Possess experience in **Design, Development, Deployment** and Implementation in Enterprise level applications.
* Worked with Infrastructure automation tools like **Terraform**
* Automated the process of creating baked AMIs using tools like Packer
* Gained experience in deploying applications on to their respective environments using **Elastic Beanstalk**.
* Worked extensively with **AWS** services like VPC, EC2, S3, IAM, Cloud Watch, Route 53, ELB, Auto Scaling Groups, Cloud Formation.
* Launched instances, adding them to the proper VPC cluster, creating NAT gateways for external addressing, creating IAM roles for user access, putting proper policy in place for access control.
* Proficient in writing Cloud Formation Templates (**CFT**) in YAML and JSON format to build the AWS services with the paradigm of Infrastructure as a Code.
* Worked with installation of **AWS CLI** to control various AWS services through SHELL/BASH scripting. My exposure in version control and source code management tools like **GIT**, SVN.

***My Technical Skills***

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| **AWS services** | VPC, EC2, S3, IAM, Cloud Watch, Route 53, ELB, Auto Scaling Groups, Cloud Formation. |
| **SCM Tools** | GIT, Subversion (SVN) |
| **Build Tools** | MAVEN |
| **CI Tools** | Jenkins |
| **Configuration Management** | Ansible |
| **Virtualization Software’s** | Docker, Vmware |
| **Virtual Orchestration** | Docker, Terraform |
| **Servers** | Apache Tomcat, Nginix JBOSS, |
| **Programming Languages** | YAML, Bash Scripting, Python( Training) |
| **Monitoring Tools** | Cloud watch, Elastic Search l |

**ADP, LLC Atlanta September 2019 – December 2021**

**Member Technical - G2 ( DevOps Engineer )**

Internal ADP support project part of GETS – Global Enterprise Technical Support team works for ADP Internal Employees on various Business unites

**Responsibilities:**

* Working on Multiple AWS instances, set the security groups, ELBs and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Performed code **commit, revert, checkout** and **merge** operations on GIT and **pushed** sourced code to GitHub.
* Expertise in using build tools like **MAVEN** and **ANT** for the building of deployable Artifacts such as War from Source Code.
* Developed Build using **MAVEN** as build tool and used CI tools to move builds from one environment to other environments.
* Defined dependencies and plugins in **Maven pom.xml** for various activities and integrated Maven with GIT to manage and deploy project related tags.
* Used **Ansible** to deploying applications on all servers through **SSH**.
* Gathered required configurations of all servers and maintain the **playbook**s updated using **Ansible.**
* Worked on **Ansible** playbooks for mapping of hosts to a set of roles.
* Automated various infrastructure activities like Continuous Deployment and Application Server setup.
* Stack monitoring using **Ansible** playbooks and integrated Ansible with **Jenkins.**
* Experience with **Jenkins administration**, backups and plugins. Using master slave configuration maintained various jobs in Jenkins and supported development teams.
* Worked on installation of **Docker**using Docker toolbox.
* Deployed containers using Docker, worked with **Docker images, Docker hub** and Docker registries.
* Extensively involved in infrastructure as code, execution plans, resource graph and change automation using Terraform.
* Worked on deploying Web based applications front end was on Angular Js and back end on Microservices architecture & Java
* Expertise in Installing, Configuring, Managing the monitoring tools such as Splunk, New Relic and Nagios for Resource Monitoring/Network Monitoring/ Log Trace Monitoring.
* Used various services of AWS for this infrastructure. Exclusively worked with **EC2** as virtual servers to host Git, Jenkins and configuration management tool like Ansible. Converted slow and manual procedures to dynamic API generated procedures.

**Technical Skills :** Aws services - VPC, EC2, S3, IAM, Cloud Watch, Route 53, ELB, Auto Scaling Groups, Cloud Formation, Git, Jenkins, Ansible, Terraform, Docker,Bash Scripting

**Innova solutions**

**Client : Franklin Templeton Investments, Hyderabad**

**Cloud Engineer October 2017 – August 2019**

**Project :** Aws Automation Engineer for Investments Management team setting up infrastructure as per project requirements

**Responsibilities:**

* Designed AWS CloudFormation templates to create custom sized **VPC**, subnets, **NAT** to ensure successful deployment of Web applications and database templates.
* Configured and integrated GIT into the continuous integration (CI) environment written scripts to containerize using ansible with docker and orchestrate it using **Kubernetes**.
* Worked closely with the development team to integrate new deployment processes and strategies to meetup feature requirements.
* Involved in designing and deploying multitude applications utilizing almost all the AWS stack (Including **EC2, Route53, S3, RDS, Dynamo DB, VPC, SNS, SQS, IAM**) focusing on high- availability, fault tolerance, and auto-scaling in AWS
* Involved in Ansible setup, managing hosts file, using YAML linter authoring various playbooks and custom modules with Ansible and Ansible playbooks to automate in **AWS** services like launching **EC2**, provisioning **IAM**, configuring **VPC**.
* Created and modified **HTML, PHP, JavaScript, web pages**, also Writing restful APIs and Http Server in Node.js.
* Monitored system activities and fine-tuned system parameters and configurations to optimize performance and ensure security of systems.
* Maintaining source control branches and performing integrations with merge conflicts.
* Facilitating and championing the quick resolution of problems found during the daily build and deployment efforts.
* Maintaining, and streamlining automated build and release pipelines from code compilation
* Deploying artifices manually to multiple environments.
* Creating and maintaining user accounts, profiles, security, rights, disk space and process monitoring.
* Creating and maintaining documentation of the build/release process.
* Investigating tools and processes and integrating so that we can improve the reliability, stability and efficiency with which we release our services.
* Installation of packages **RPM, YUM** and configured **SAMBA** server for Windows and Linux connectivity.
* Experience in Creating and modifying users and groups with **SUDO** permission.
* **Log file** was managed for troubleshooting and probable errors.
* Responsible for reviewing all open tickets, resolve and close any existing tickets.

**Technical Skills** : AWS services VPC, Ec2, IAM, AWS Elastic Beanstalk, Git, Jenkins, Ansible, Docker, Bash Scripting, Kubernetes, Terraform

**Vedic soft Solutions** **Pvt. Ltd., Hyderabad** **January 2016 - October 2017**

**Position : Software Engineer**

**HCL Technologies Limited, Bengaluru, Karnataka**

* As a Windows Administrator more responsible for website Active Directory management
* Creating and managing domains, preparing disaster recovery strategies, offering technical support to users, upgrading software, and handling user accounts.
* Managed User Accounts on Windows and UNIX Platform (Creation, Deletion, Permissions, and VPN Access).
* Developed organizational units in Active Directory (AD) and managed user security with group policies.
* Trouble shooting of day to day system and user problems including resolving issue tickets and documentation of the issues and their fixes
* Support hotline call, Global on-call and **24X7** pager duties, Database Backup and Recovery, Performance Monitoring and Tuning.
* Maintained and documented all the errors and logs that were new to the environment shared it with the team. Experience in Disaster Recovery and Planning.
* Managing systems routine backup, scheduling jobs like disabling and enabling **cron**jobs, enabling system logging, **network logging** of servers for maintenance, performance tuning

and testing.

* Created and maintained email addresses and distribution lists in MS Exchange.
* As a Administrator more responsible for employee Active Directory and access
* Compiled data to assist technical writers with IT new hire manuals and prepared data to report to testers for system enhancements.