DEVOPS ENGINEER

P.PRAHASH
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OBJECTIVE:

To make use of my interpersonal skills to achieve goals of a company that focuses on customer satisfaction and customer experience.

FLATIRONS SOLUTIONS – Devops engineer

SUMMARY:

- Having a total of years of 2 years of experience in AWS and DevOps tools with Linux/Windows OS

- **Devops Engineer** in supporting, automating, and optimizing mission critical deployments in AWS, leveraging configuration management, CI/CD, and Devops processes. Implementing cloud strategy in various environments.

- Excellent skills in applying Continuous Integration and Continuous Delivery.

- Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [Example: Git, Maven, Jenkins, Apache Tomcat, Docker, etc.]

- **JENKINS** is a continuous integration tool that is used to streamline application builds and deploys.

- **GIT** - implementation of controls is done via automation, we use a git-backed SCM.

- Log Analysis - **Splunk** and all applications log to Splunk, so it will be common to analyze logs to look for potential threats.

- Having Good experience in Amazon Web Services environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load Balancers ,IAM, S3, Cloud Front, RDS, VPC, Route53, Cloud watch, Cloud Formation.

- Mainly Concentrated on: EC2 (ELB, AUTO SCALING, EBS), VPC, IAM

- Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EBS volumes; to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.

- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2 including backups, patches, and scaling.

- Worked at optimizing volumes and EC2 instances and created multiple VPC'S

- Implementation of NAT gateways for web apps hosted in private subnets.

- Created Alarms and notifications for EC2 instances using Cloud Watch.

- Designing and Deploying Highly scalable infrastructure using ELB and Auto Scaling services.

- Setup and managed security groups, VPC specific to environment.

- Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.

- Created AMI images of critical ec2 instances as backup using AWS CLI and GUI.

- Knowledge of how to configure and managing S3 storage.

- Attaching or Detaching EBS volume to AWS EC2 instance.

TECHANICAL SKILL SETS:

Cloud Technologies : AWS (Amazon web services) EC2, VPC, IAM, S3, CLOUD WATCH, SNS & SQS.

Devops Technologies : Jenkins, Ansible, Docker, GIT, terraform, splunk

Virtualization : Docker , Kubernetes

Web Server : Apache, tomcat, nginx

OS Platform: Linux, Windows

Monitoring tools: Splunk

Client tool: putty, puttygen, pageant

Infra build Tool : terraform

Ticketing tool : jira

HCA Healthcare – u.s.a

- Create and maintain full automated CI/CD pipelines for Code deployment.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, CloudWatch, IAM, VPC)
- Experienced in creating complex IAM policies, Roles and user management for access within AWS
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2 including backups, patches and scaling.
- Used Ansible for Configuration Management and having good knowledge of writing Playbooks.
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.
- Managed GitHub repositories and permissions, including branching and tagging.
- Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using Docker swarm.
- Setup/Managing VPC, Subnets, make connection between different zones blocking suspicious IP/subnet via ACL.
- Linux/Windows/Ubuntu servers on Amazon EC2 & monitor thru SNS & Amazon Cloud Watch.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS). Setup/Manage Databases on Amazon RDS
- Used Ansible to do configuration and to automate deployments
- Worked on creating Kubernetes cluster from end to end.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC) in Global infrastructure.
- Handling L1 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Worked on Pod Creation and managing Containers
- Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and Code Quality Analysis Tools like Sonarqube
- Hands on working experience on Web Server (Apache), Application Servers (Tomcat, JBOSS)
- Set up integrated environments for GitHub and AWS cloud.

- Performed regular builds and deployment of the packages for testing in different environments (Dev, QA, and UAT).

- Utilizing Jenkins for enterprise scale infrastructure configuration and application deployments

PERSONAL SKILLS:

- Problem Solving and Critical Thinking.
- Flexibility and Creativity.
- Attention to details and Responsibility

EDUCATION SKILLS:

COURSE	INSTITUTE	YEAR OF PASSING	PERCENTAGE
B.E	Vel's university	2020	78%
DIPLOMO	Surya polytechnic college	2015	76%
H.S.E	Siga higher secondary school	2013	50%
SSLC	St xavier's matriculation School	2011	57%

PERSONAL PROFILE:

NAME   :   **P.PRAHASH**
FATHER'S NAME   :   R.PERUMAL
DATE OF BIRTH   :   15-12-1995
GENDER   :   MALE
LANGUAGES   :   ENGLISH, TAMIL
PRESENT ADDRESS   :   NO 9 AMMER LAYOUT,
                             VANDIMADU,
                             VILLUPURAM – 605602

DECLARATION:

I hereby declare that the above particulars of facts and information stated are correct to the best of my belief and knowledge

DATE: SIGNATURE

PLACE: (PRAHASH)