Siddhartha Pati

DevOps_Engineer.

Email: siddharth89pati@gmail.com
Address: Chandragiri BDA Apartment, BANGALORE,560067
Phone: 0-9776438305
Date of birth: May 1, 1989
Passport No: P2081981
Nationality-Indian

OBJECTIVE

Career Objective

To pursue a rewarding career, effectively utilizing and meanwhile updating my skills, knowledge
for the benefit of the Organization and improving the self.

Professional Summary

- Having 3.5 years of Experience in **DevOps Engineer** operations process and tools area (Continuous Integration, Configurations).
- Strong ability to work individually and within a team in challenging environment.
- Ability to quickly analyze and come-up with an efficient industry standard solution for a given problem.
- Experience in development of build scripts using **Maven**.
- Experience in writing **Build Scripts, Python Scripting** to automate the **Continuous Integration as Continuous Delivery.**
- Administration/Maintenance experience of source control management systems, such as **Git Hub.**
- Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using **Ansible/puppet**.
- Hands on experience with Configuration Management Tools such as **puppet and Ansible**
- Hands on knowledge in creation of roles, Profiles and users in **IAM**
- Migration of the on-premise solutions to Amazon Cloud using **EC2, VPC and S3.**
- Working knowledge on Creation of custom **AMI's**
- Familiar with EC2, Cloud watch, Elastic IP's and managing security groups on AWS.
- Designed high availability environment for Application servers and database servers on EC2 by using **ELB** and **Auto-scaling**.
- Created network architecture on AWS **VPC**, subnets, Internet Gateway, Route Table and NAT Setup.
- Working with **Route 53**, DNS failover and setting up Latency based routing, weighted routing Policies.
- Hands on experience with **SCM tools** like **Git** for branching, tagging and version management
- Hands on experience with code coverage tools like **SonarQube**.
- Good understanding of defect and change tracking tool such as **JIRA**.
- Played a key role in automating the deployments on AWS using **GitHub, Terraform, puppet and Jenkins.**
- Extensive experience in setting up the **Kubernetes** for the Docker to handle cluster-based containers.

- Implemented Testing environments for Kubernetes and administrated the **Kubernetes clusters**.
- Involved in Package applications with Helm and writing **Helm charts** for applications.
- Automatically build and deploy **Helm Charts using Jenkins.**
- Extensive experience in setting up the Kubernetes for the **Docker** to handle cluster-based containers.
- Hand on experience in delivering container-based **deployments using Docker**.
- Effectively co-ordinate with various functions development, testing, environment management, helpdesk within the organization throughout the **SDLC.**
- Followed best practices, optimize processes, adapt new technologies, quick learner and hardworking individual.
- Working experience in taking snapshots of the **EBS** Volumes
- Hands on experience in provisioning the Databases using **RDS**.

Technical Skills

- **Version Control Systems**   : GIT
- **Configuration Management Tools** : Ansible, Terraform
- **Build tools**   : Maven.
- **CI Server**   : Jenkins.
- **Project Management Tool**   : Jira. Trello
- **Application Servers**   : Apache Tomcat.
- **Scripting Languages**   : Linux, Python Automation   .
- **Cloud Technologies**   :AWS
- **Virtualization Tools**   **:** Docker, Kubernetes
- **Monitoring**   **:** Splunk,Grafanna

Education Details

- Bachelor of technology, Computer Science Engineering, BijuPattnayak University in the year 2014
- Diploma Computer Science Engineering at Balasore school of Engineering, in the year 2009

Professional Experience

- Worked as a DevOps Engineerin HCL from : From Dec-2019 to Feb-2023
- Worked as a Technical Analyst in Concentrix Pvt Ltd : From Dec-2018 to Nov- 2019

Additional Skills

- Network security
- Vulnerabilities & Threats
- Compliance and operational security
- Cryptography

- Access control & identity supervision
- Application, data, and host security
- Lexmark device level certification
- Xerox certified Device Engineer.

Project Details

AT & T – 1:

Project Name	Online Buyers and Sellers
Role	DevOps with AWS Engineer
Duration	May- 2021 to till Feb- 2023

Roles &Responsibilities:

➢ Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.

➢ Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.

➢ Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.

➢ Managed deployment automation using Packer-Docker Terraform to automate system operations. Handled work from initial stage of development to create branches, make developers follow standards creating build scripts, abeling automating the build process and deploy process by using Jenkins plugins.

➢ Analyzed and resolved conflicts related to merging of source code for GIT

➢ Experience with building containerized applications using Docker images.

➢ Management and design of integrated build pipelines using continuous integration workflows such as Jira, Git, Jenkins, Docker, and Nexus

➢ Proactively seeks opportunities to implement improvements to internal development processes.

➢ Configuring and maintaining Puppet master server, creating modules and pushing them to puppet/Ansible clients around hundreds of servers.

➢ Automating all manual tasks of deployment, monitoring, log rotation, collection.

➢ Set up and maintain the monitoring infrastructure, analyze system bottlenecks, issues/bugs and solve them in Realtime to maintain quality of product.

➢ Creating a test environment for execution of tests by creating clustering environment using ECS (Ec2 Container Services)

➢ Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance

➢ Attending Scrum Meetings with Dev& QA

➢ Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube

➢ 24/7 on call supports for emergency site maintenance and immediate build and install requests.

Global Print management – 2:

Project Name	Enterprise Billing Inquiry tool
Role	DevOps Engineer
Duration	Jan-2019 to Nov-2020

Contribution and Responsibility –

- Working and periodically meeting with Enterprise Architects, Project Managers, Vendors, Developers and Deployment Managers to define and implement a Software Configuration Management solution.
- Implemented Continuous Integration using Jenkins and GIT.
- Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
- Creating new repositories and branches in existing repositories as per the requirement of the dev team.
- Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Sonar Qube
- Configuring the Day and Night Playbooks
- Writing (Modules) to automate infrastructure using Puppet Configuring CRON Jobs for executing daily activities such as Backup/Archive etc. in Ansible/Puppet
- Maintaining Regular Backups of the Logs.
- Executing the SQL scripts to pull the Users details and logs from the GE DB.
- Maintain the file permissions using shell scripts and worked on Creating, merging SVN branches and create builds.
- Responsible for maintaining Multiple DevOps tools & configuring across all projects
- Subversion (SVN), GIT, Jenkins, MAVEN, Puppet.
- Support the build and deployment infrastructure used by our development teams
- Respond to high severity production issues escalated by our operations teams.

- Support developers by deploying application into Develop, test and production servers.
- Automated various tasks using Shell scripts

PenPicture

- Simple and hardworking person.
- Enthusiastic and quick learner.
- Having the ability to adjust myself with the environment.

- Team Player.
- Can cope with adverse situations.
- Active listening.
- Communication.
- Escalation Management skills.

- Interpersonal skills.
- Leadership.
- Risk Management skills.
- Problem-solving.
- Time management