Piyush Raj

DEVOPS ENGINEER

Details

Madhubani, Bihar
India
9102510299
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Skills

Linux/Unix

Git

AWS Cloud

Docker

Kubernetes

Ansible

Jenkins

Terraform

Shell Script

Bitbucket

Confluence

Pinpoint APM Tool

Languages

English

Hindi

Profile

Looking forward to growing and build my career in the field of AWS Services and managing the system and servers as a DevOps Engineer by working in an organization where I can utilize my expertise and knowledge and has a lot of learning scope for future technologies and enhancements providing challenges, responsibility and opportunity for continued growth.

Education

Electronics and Communication Engineering, A.P.J Abdul Kalam Technical University, Ghaziabad

AUGUST 2013 — MAY 2017

Professional Summary

DevOps Engineer, Hindustan Times Digital Streams Ltd., New Delhi

SEPTEMBER 2022 — JULY 2023

DevOps Engineer, Bluefield Technologies Private Ltd., Bengaluru

MARCH 2020 — JUNE 2022

- As an AWS DevOps engineer with expertise in the field of Configuration Management and Automation.
- Experience in SDLC Methodologies including Agile.
- DevOps Experience with Terraform, Linux, Windows, Git, Maven, Ansible, Docker, Jenkins, Kubernetes, Nagios, and CloudWatch.
- AWS experience with EC2, Loadbalancer, SNS, S3, CloudFront, IAM, RDS, Route-53, SES, VPC, and Lambda.
- Strong experience in AWS creating, importing, and launching EC2, volumes, security groups, loadbalancer in the defined VPC to design cost-effective and highly available systems.
- Site-to-site VPN tunneling creation.
- Creating customized VPC, Subnets, IGW, Route Table, NAT Gateway, and peering connections between two VPCs.
- Creating AD connector for Directory Service.
- Experience in using Git and GitHub.using WebHooks for build, setup, and integration.
- Understanding in writing Ansible Playbook using YAML.
- Have worked in CI(Continuous Integration) and CD (Continuous Deployment) using pipelines.
- Automated build and deployment process using YAML and Shell Scripting.
- Worked on web servers like Apache and application servers like Tomcat.
- Having knowledge of bash scripting.
- Creating docker containers and docker volumes for data security.
- Experienced in using build automation scripting like Maven as build tools for building deployable artifacts(jar, war) from source code.
- Using Jenkins for automating Continuous Integration and Continuous Deployment.
- Experience in using Git and GitHub.using WebHooks for build, setup, and integration.
- Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tool.
- User and Group Management in Linux environment.
- Scheduling jobs using crontab.
- MySQL Database backup and recovery.

Project

In house Project

Skills Used:

Git, Maven, Jenkins, AWS, Docker, Tomcat

Role:

DevOps Engineer

Responsibilities:

- Launching Amazon Ec2 cloud instances utilizing Amazon web services and configuring propelled examples for particular applications.
- Set up and build AWS infrastructure with various resources.
- Used file module in Ansible playbook to copy and remove files on remote systems.
- Utilized Ansible configuration management tool to automate repetitive tasks quickly deployed critical applications and proactively manage change.
- Experience with building containerized applications using Docker images.
- Management and design of integrated build pipelines using continuous integration workflows such as Git, Jenkins, and Tomcat.
- Develop multiple, Ansible playbooks to automate the deployment of the applications to different Prod/QA Environments.
- Deployed JAVA applications through Tomcat Application servers.
- Involved in EC2 configuration and resources using Ansible and performing repetitive tasks.
- Extensive usage of Git/GitHub for version control activities.
- preparing confluence pages for important and critical tasks for further use.
- 24/7 on call supports for emergency site maintenance and immediate build and install requests.
- Manage the integration of new software projects and products into the built environment.

Project#2:

Skills used:

Maven, Git, Jenkins, Tomcat, Linux, Shell Scripting.

Role:

DevOps Engineer

Contribution:

•Implemented and building tools such as Maven in order to

automate and enhance the overall operational environment.

•Support the engineering teams regarding CI/Build tools,

Environments and Automation.

• Involved in Branching, Tagging and Merging of code delivery at

required releases.

•Build engineering automation and productivity tools to streamline deployment pipeline and Troubleshoot and resolve issues related to application deployment and operations.

•Final Deployment and production support enhancements.

•Creating and maintaining Project related documentation.

- Managing all deliverable like different project related documents, different versions of code.

- Responsible for hardware, firmware, Network & Firewall

troubleshooting and upgraded, maintained Linux/Unix servers.

Apache web server, Apache Tomcat configuration, and Virtual

hosting

- Implemented Continuous Integration and continuous Delivery using

Jenkins.

- Experience in the implementation of CI & CD pipelines using Jenkins pipeline plug-in with groovy scripts.

- Experience in the implementation of shell Scripts to automate the CI & CD process.

- Experience working with Enterprise and Open Source.

- Installed,configured, upgraded and manage live sites deployment in Apache and Tomcat.