PRIYANKA SUBHADARSHINI PRADHAN
Cloud DevOps Engineer

in www.linkedin.com/in/priyankaspradhan

✉ priyankasubha.pradhan@gmail.com

☎ 91-8217898726

CAREER PROFILE

Highly skilled and result-oriented DevOps Engineer having 6+ years of IT experience. Proficient in building and managing CI/CD pipelines, infrastructure as code, and automation workflows. Experienced in containerization and orchestration for scalable deployments. Hands on experience in Powershell, shell scripting, Ansible playbook, Kubernetes, Docker, Terraform and have developed end to end flows using operation orchestrator (HPOO). Having strong foundation in AWS cloud services.

WORK HISTORY

NINELEAPS | OCT 2022 - CURRENT
CLOUD DEVOPS ENGINEER

MICROLAND Pvt Ltd | FEB 2021 – OCT 2022
ASSOCIATE DEVOPS ENGINEER

MICROFOCUS | OCT 2020 – FEB 2021
AUTOMATION DEVELOPER

CAPGEMINI Pvt Ltd | MAY 2017 – OCT 2020
ASSOCIATE CONSULTANT

TECHNICAL SKILLS

- **Cloud Technology:** AWS
- **VCS:** GitHub, AWS CodeCommit
- **IaaC:** Terraform, CloudFormation
- **CI:** Jenkins, AWS CodeBuild
- **CD:** Code Pipeline
- **Configuration Management:** Ansible
- **Observability:** Prometheus, Grafana
- **Databases:** MySQL, MongoDB
- **Build Tools:** Maven
- **Collaboration Tools:** JIRA
- **OS:** Ubuntu, CentOS, RedHat, Windows
- **Scripting Languages:** Shell scripting, Python, YAML, powershell
- **Containers/Container Orchestrators:** Docker, Kubernetes

ROLES AND RESPONSIBILITIES

- Developed **powershell** script to handle the backup tickets in the ticketing tool and worked on the remediation of the tickets, resulting to reduction up to **98%** of manual efforts of the operations team.
- Developed **ansible playbooks** for various user management use-cases like AD User creation & deletion, enabling and disabling the AD account, adding and removing the user from security group and creating a mailbox for the user.
- Enhanced system monitoring and management with **Python** scripts for CPU, memory usage, and package installation for Linux machine.
- Developed **ansible playbook** for the filesystem creation and CPU and memory check for RHEL servers
- **GIT** client's setup, initializing a GIT repo, branching & merging, supporting all the Git end user operations.
- Supporting the Git users in terms of all common Git end user operations such as GIT clone, push, pull, fetch.
- **Jenkins** Continuous Integration Server – Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms.
- Hands on Experience with Build Tool **Maven** to generate project Artifacts.
- Having knowledge in checking the code quality using the **Sonarqube**.

- Worked with **docker containerization**, created several docker files, images & Docker containers.
- Created **shell scripts** for user creation, Adding and removing SSH key, Disk check, LVM creation. Pre and Post checks package installation and uninstallation.
- Integrated GIT with Jenkins to automate the code checkout process and trigger builds.
- Led end-to-end automation of Build and Deployment processes in Jenkins, ensuring consistency and efficiency.
- Responsible for **CI/CD** process implementation with Jenkins using shell scripts.
- Develop and maintain infrastructure code using Terraform to define cloud resources.
- Design modular and reusable **Terraform** modules to ensure consistency and standardization across different environments.
- Deployed and managed **Kubernetes** clusters across multiple environments, ensuring high availability and scalability.
- Defining the desired state of your applications using Kubernetes manifests (YAML files) and managing their deployment, scaling, and updates.
- Ensuring that applications are highly available and reliable by utilizing Kubernetes features like pod replication, auto-scaling, and failover mechanisms.
- Hands on experience of **AWS** services like **EC2**, **S3**, **ELB**, **EBS**, **ECR**, **EKS**, **Route53**, **Autoscaling** and **CloudWatch**, **Cloud Trail**, **SQS** and **SNS**.
- Experience in creating custom **IAM** policies, Roles and user management for delegated access within AWS.
- Created and configured elastic **load balancers** and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment. .
- Integrated Jira, Zoom using PowerShell and developed end to end scripts for on-boarding and off-boarding of users on Active Directory.
- Developed end to end flow for VM post-build activities using shell, HPOO.
- Understanding requirements and preparing as is a flow of existing manual process and designing To be a flow of automated process with the detailed documentation of flow charts and scripts.
- Cost, Effort and Impact analysis of automated process and signing off from the customer at each stage and implementing the same.
- Connecting with delivery teams and identifying tasks to be automated and then converting Business requirements to scripting logic.
- Led automation initiatives, analyzing process impact and transforming manual processes into scripted workflows
- Facilitated training sessions for fresher engineers at the CIS Academy of Capgemini, imparting fundamental knowledge.

REWARD AND RECOGNITION

- Received Superstar Award for delivering the Automation bot of new user onboarding for Welspun.
- Received Top performer Award for high performance at Microland.
- Appreciation from clients for handling critical tasks.
- Secured 1st Rank in the training conducted by Capgemini L&D.
- Got appreciated by the client for the Automation, which reduced 98% of manual effort.
- Received Award on International Women's Day 2021 for writing an "Awe Inspiring Story" for #HerStory during the Women's Day week.