**Shauvik Sahoo**

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## Professional Summary

* DevOps Engineer with 3+ years of IT experience into various technologies, platforms, domains and products which includes Build Release Management,Continuous Integration and deployment, Cloud Infrastructure management, Deployment Automation, Monitoring and Configuration Management
* Hands on Experience in Amazon Web services,Azure Web services & good working knowledge in resources like IAM, EC2,S3,ECS,EKS,RDS,Lambda,EKS,AzureMonitor,Azure Pipelines,ARM
* Good working knowledge in Configuration Management tools like Ansible and Infrastructure monitoring tool like Prometheus and container orchestration using Kubernetes & Docker-Swarm.
* Responsible for code merges on a regular frequency to integrate the source code from various branches to maintain baseline code after every release.
* Good knowledge on Managing Infrastructure (IAC) by Terraform and monitoring the infrastructure using Prometheus.
* Efficient in working closely with Dev & QA teams to ensure high quality and timely delivery of builds and releases.
* Having knowledge on On-Premises environment to Cloud Azure Migration.
* Good working Experience in GIT, Gitlab,MYSQL,Java
* Strong scripting knowledge in automating day-day activities using Shell scripting, Python

## Technical Skills

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| *Continuous Development* | Git, Gitlab, Github, Agile |
| *CICD Tools* | Jenkins, Groovy, SonarQube |
| *Containerization and Containerization Orchestration* | Docker,Kubernetes, Docker-Swarm, Helm |
| *Configuration Management* | Ansible |
| *Bug/Defect Tracking Tool* | ServiceNow, JIRA |
| *Programming Language* | Python,Java |
| *Monitoring* | Prometheus, Grafana |
| *Cloud Services* | AWS (EC2, S3,IAM,CloudWatch,ECS,EKS,RDS,Lambda)  Azure(VM,ARM,Azure monitor,Azure Pipelines) |

Academic Details

*Bachelor of Technology(CSE) from Institute of Technical Education & Research , 2019

## Professional Experience

* Worked with GetVu from June 2023 to Feb 2024
* Worked with Scalent Infotech Pvt Ltd from Feb 2022 to May 2022
* Worked with Tata Consultancy Services from May 2019 to Feb 2022

## Projects

**Client#1 Patient Point,Bangalore 06/2023-02/2024**

**Roles and Responsibilities:**

* Performed Continuous Monitoring for the Build machines, deployment machines and Application running on different environments using Prometheus and Grafana for visualization..
* Collaborating with Azure DevOps and other relevant tools to integrate Terraform workflows into the overall software development lifecycle, promoting infrastructure agility and repeatability
* Implemented CI/CD pipelines using tools like Jenkins and Azure Pipeline, configuring build and deployment steps in YAML syntax
* Automated routine tasks and system maintenance using Python scripting for increased efficiency.
* Experience on Terraform for Infrastructure as a Code where automated the provisioning of entire Infrastructure needed for our Dev, QA, Stage deployment on CI-CD.
* Utilized Ansible playbooks to automate deployment and configuration tasks, ensuring reliability and consistency across multiple environments.
* Managed Kubernetes clusters for deploying and scaling containerized applications, achieving high availability and fault tolerance through Kubernetes features.
* Develop Helm packages for Microservice deployment ,log management
* Created and configured management reports and dashboards in splunk for application log monitoring
* Proficient in various Azure services like Web App, App Plan, Resource Manager (ARM) templates, and Azure Monitor

**Client#2 HomeBuddy,Pune 02/2022-04/2022**

**Roles and Responsibilities:**

* Involved in development of test environment on Docker containers and configured them using Kubernetes cluster and Automated by developing Ansible Playbooks.
* Wrote playbooks and deploying applications using Ansible
* Proficient in various Azure services like Web App, App Plan, Resource Manager (ARM) templates, Key Vault,Azure AD, and Azure Monitor.￼
* Created S3 buckets to store files, Backups and used as Terraform backend performed versioning
* Used Jenkins for Continuous Integration and deployment into Tomcat Application Server
* Working on Azure DevOps like creation of Projects, creating Pipelines, creating artifacts,deploying CI/CD Pipeline etc.

**Client#3 Westpac Corporation,Bangalore 05/2019-02/2022**

**Roles and Responsibilities:**

* Configured automated builds like Webhooks,Poll SCM in Jenkins to meet project’s build requirements
* Designed and implemented monitoring solution like Prometheus and Grafana
* Implement monitoring and alerting solutions for applications and infrastructure using Azure Monitor, Application Insights, and custom scripting.
* Develop Dockerfile to Create DockerImages for Base Image and Application deployments.
* Provide support for Continuous Development &responsible for maintaining Central repositories like setup projects, giving permissions, creating branches and protecting them as per the need and helping with the merge requests in GitLab

## Certification

Oracle Cloud Infrastructure Developer Certified(09/2021-09/2023)

Oracle Cloud Infrastructure Certified Architect Professional(02/2022-02/2024)

Oracle Cloud Platform Application Integration Certified Professional(02/2022-02/2024)

Oracle Machine learning using Autonomous Database 2021 Specialist(01/2022-01/2024)