Sivaselvan I
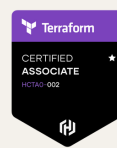DevOps Engineer II

Chennai, India   Sivaselvan I | LinkedIn

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Work Experience

Infosys | Feb 2022 to Present
Senior Systems Engineer

- Ansible **Network and Server Automation** Specialist for **Intel Corporations** on managing Routers and Switches.
- Automated **95% of network configuration** tasks using Ansible, YAML scripting and python, by **saving 30 hours per week.**
- **Led POC's** for client automation needs, **increasing project efficiency by 30%.**
- Automated Router and Switch configuration, **Cisco IOS upgrades** on switches and data center health checks.
- Contributed to **building the Rundeck Platform (CICD)** with Ansible and Python for improving automation workflows, system reliability and monitoring the health checks of devices, logs.
- **Upskilled the team** of 30 members by providing training on Automation tools.
- Able to understand and define architectural solution blueprint, create and implement appropriate DevOps solution to deliver scalable and efficient software solutions.
- Implemented event-based automated process integrated with ServiceNow by **reducing manual process**.
- Expertise in container orchestration with Docker and Kubernetes, along with deployment management through Helm charts and ArgoCD.
- **Lead Automation team** to innovate and optimize operations on Intel for multiple infrastructures.
- Adept at writing playbooks, Infrastructure as Code, Automations using Python.
- **Created a framework** to generate a **dynamic inventory** for all devices in infrastructure and trigger the scheduled automation to monitor the metrics of infrastructure.

Systems Engineer

- Configured the AWS Infrastructure using Iac tool Terraform and Automated server configuration management & software provisioning using Ansible.
- **Developed custom ansible modules** using Python scripts as part of build and deployment process.
- Handled container deployments and orchestration using Docker, Docker Swarm and Kubernetes.
- Hands on with Infra automation using Python SDKs and other infra provisioning tools interchangeably across AWS and Azure.
- Hands on with Hashicorp products, DevOps solutions development & maintenance.

Azentio Software | July 2021 to Jan 2022
PLSQL Developer

- Designed and developed complex databases with Packages, Procedures and Triggers using PL/SQL.
- Worked closely with cross-functional teams, including business analysts, project managers to understand requirements and deliver solutions.
- Customized the application front end with respect to client requirements using Oracle Forms and Oracle Reports.

Certifications

- Microsoft Certified Azure Fundamentals
- Microsoft Certified Azure Administrator Associate
- AWS Certified Cloud Practitioner
- Hashicorp Certified Terraform Associate (002)
- Red Hat Delivery Specialist - Ansible Automation
- Red Hat Delivery Specialist - Cloud Infrastructure
- Infosys Certified Docker and Kubernetes Practitioner

Skills & Proficiencies

- Ansible , Python
- YAML, Argo CD, GitHub
- Docker, Kubernetes
- Ansible Tower, RHEL
- Amazon Web Services (AWS) , Microsoft Azure
- Terraform, Helm
- Oracle SQL, PLSQL
- Jenkins, GitLab CICD

Awards

- Infosys CIS Rise Award - Delivery Ninja
- Infosys CIS Rise Award - Rookie of the Quarter
- Infosys CISEITCNP Insta Award * 2
- DDG Commendation | NCC
- Mahatma Gandhi Special Recognition Award | University

Educational Background

Kumaraguru College of Technology -
Coimbatore
Bachelor's of Engineering in Mechatronics