SHASHI KANT

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Professional Summary

Python, PowerShell, and Ansible form the core of my 3+ years of experience as an Infrastructure Automation Engineer, driving automation across cloud and on-prem environments. Skilled in building CI/CD pipelines and orchestrating system operations on Azure, I deliver high-impact solutions that reduce manual effort, enhance compliance, and accelerate infrastructure delivery through streamlined scripting and automation.

WORK EXPERIENCE

WIPRO TECHNOLOGIES   **Bangalore, India**
                                                                                         April 2022 – Present

Infrastructure Automation Engineer

- Handled **AD password resets** and propagated updates across services, task schedulers, virtual directories, data sources on servers, **Azure secret/certificate renewals**, Key Vault integration, App Services management, and triggered CI/CD pipelines & releases.
- Automated tasks related to IAM, **Active Directory**, **Windows & Linux Administration**, processes like user CPU & Memory utilization, onboarding/offboarding, Report generations, server management, configuration changes using **Shell, PowerShell, Python**, and **Ansible** saving time and efforts 60 to 70%, reducing manual interventions and human errors close to 0.
- Implemented **Python** solutions for **Network** and oracle **SQL** devices, automating processes like log analysis, action on alert, connecting to devices using **REST API** with basic and OAuth requests for fetching reports/data, saving hours of manual efforts.
- Automated **patch management** using **Ansible**, covering **500+ servers**, saving more than **30 hours per month**.
- Created a solution to manage **Azure VM lifecycle operations** including **start/stop, backup validation, and VHD expansion** using **PowerShell** and native Azure tooling.
- Streamlined access and authentication automation for multiple accounts using **secure credential rotation and orchestration via DevOps pipelines**.

Summary of Key Achievements

- Ensuring consistent results using **Python**, **Ansible** and **PowerShell** by implementing it to a cloud platform like **Azure** for managing servers, creating infrastructures and deploying solutions, reducing deployment time by in range of 40-50%.
- Developed an IaC compliance reporting tool, improving audit response time by 40%.
- Reduced human error and achieved over 30% effort reduction.

EDUCATION

Dr. B.C. Roy Engineering College   **Kolkata, India**
B.Tech in Electrical Engineering (CGPA of 9)   Graduated in 2022

SKILLS

Programming/Scripting Languages:	PowerShell, Python, Ansible
Cloud Platforms	Microsoft Azure (Azure Virtual Machines, Azure DevOps, Azure Resource Manager)
Configuration Management & Orchestration	Ansible, Stack storm, Ansible Tower, Azure DevOps, ServiceNow
DevOps & Automation Tools	Docker, Git, Azure DevOps Pipelines, Kubernetes
Others	Linux, OOPS Concepts

Interests: Sketching, Painting, Dancing and Fitness.