

AMARNATH JAMALE

PLATFORM ENGINEER

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An IT enthusiast with 5.5 years of experience as Platform Engineer. Proficient in a spectrum of Infrastructures domains such as Cloud, DevOps, Unix, and Automation with strong analytical and problem-solving skills. Proven experience in designing and developing cloud and on-prem solutions

SKILLS

Cloud Platforms: Microsoft Azure, Amazon Web Services, Google Cloud Platform

Infrastructure Tools: RHEL, Ansible Automation Platform, Automation Hub, OpenShift, Satellite, IDM, Insights, VMware, Solaris, ODSEE, OpsCenter, OUD, Pacemaker, Veritas

DevOps: Ansible, GO, Python, Docker, AKS, ARO, Kubernetes, Jenkins, Terraform, RestAPI, HTML5, CSS3, JavaScript, jQuery, ReactJS, Powershell, Bash, Jira, Splunk, Azure DevOps, Confluence, Dynatrace, Bitbucket, ServiceNow, Grafana, Nimsoft, Prometheus

Additional: Machine Learning, Ethical Hacking, Android OS Development

PROFESSIONAL EXPERIENCE

TCS – DNB Bank ASA, Oslo, Norway

2019 – Present

Azure Engineer

- Designed 60+ Azure architectures using Azure DevOps to establish IaC and CI/CD environment for vertical application services resulting in standardized, reliable and resilient infrastructure.
- Automated on-premises workloads migration to Azure by creating migration strategies leading to a seamless and hassle-free lift and shift migration of 700+ servers spanning 50+ applications.
- Conducted cost optimization across Azure platform by identifying underutilized resources and optimizing resource allocation which yielded in a 30% reduction in annual expenditure
- Developed and maintained internal pipelines used for generating standardized IaC, creating Golden Images for infrastructure deployments, Azure policies and Azure DevOps repositories

Platform Engineer

- Engineered RHEL Standard Operating Environment (SOE) with Configuration as Code (CaC) and Compliance as Code orchestrating an automated, consistent and secure deployment platform
- Formulated a RHEL in-place upgrade schema and implemented automations, achieving seamless upgrades of over 1200 servers and application upgrades to the latest versions
- Onboarded over 4,000 Windows servers and 600+ network devices along with 15+ application teams to Ansible Automation Platform, cultivating a multi-platform automations environment
- Developed over 300 Ansible Automations for infrastructure and applications deployment, operations and management saving \$16 Million along with 320 thousand hours annually
- Re-architected Infrastructure Hardening using Dynamic Ansible playbook generation based on the OpenSCAP policy, achieving 97% CIS hardening level across the organization
- Delivered over 15 scalable container platforms using AKS, ARO, Kubernetes with Podman for applications such as IBM MQ, httpd and Tomcat. Modernized these deployments with Ansible & Azure Pipelines enhancing their container deployments, scaling and management capabilities
- Provided L3 support to Unix, Azure, Ansible Automations and other infrastructure platforms

CERTIFICATIONS

Microsoft – DevOps Engineer Expert, **AZ-400**
Microsoft – Azure Developer Associate, **AZ-204**
Microsoft – Azure Administrator Asso., **AZ-104**

EDUCATION

Savitribai Phule Pune University, Pune, India
Bachelor of Engineering (Mechanical) - 2018