**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, Norway2019 – 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

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| **Certifications** | **Education** |
| Microsoft – DevOps Engineer Expert, **AZ-400** | Savitribai Phule Pune University**,** Pune, India |
| Microsoft – Azure Developer Associate, **AZ-204** | Bachelor of Engineering (Mechanical) - 2018 |
| Microsoft – Azure Administrator Asso., **AZ-104** |  |