AMARNATH JAMALE

Platform Engineer (Azure, DevOps, Unix)

An adept computer enthusiast with professional experience of 4.5 years as Azure, DevOps & Unix Engineer. Proficient in a spectrum of technologies encompassing Core Infrastructures domains such as Cloud, DevOps, Unix, and Automation. Demonstrated expertise in Agile methodologies, complemented by robust analytical and problem-solving abilities, impeccable written and verbal communication skills.

CONTACT

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in/amarnathjamale/

github.com/amarnathjamale

amar.jamale.org (Portfolio)

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Limited, *February 2019 – Present*

Azure DevOps Engineer, May 2021 - Present

- Developed multiple Azure Pipelines using Azure DevOps to have a CICD environment for several applications with IaC
- Leveraged Biceps and Terraform for infrastructure and application deployments
- Migrated OnPrem workloads to Azure with standardized pipelines
- Provided Azure Administrator support for Cloud Workloads

DevOps Engineer, December 2019 – Present

- Designed a LEAPP upgrade process with report generation, dynamic remediations, closure, rehardening and validation tasks to facilitate seamless and standardized in-place RHEL major upgrades.
- Developed several Ansible playbooks to automate daily activities, including system configuration backups, Infrastructure patching/monitoring, and application installations, saving $3.5 million USD annually
- Deployed the Ansible roles for IaC for Satellite, Ansible Automation Platform and IDM for recoverable, simplified and versionized config management
- Designed, deployed, and maintained a scalable and efficient container platform using Kubernetes and Podman for running applications such as httpd and Tomcat. Implemented Ansible automations for container deployments, scaling, and management processes.
- Implemented multiple bash/python/perl/powershell scripts to streamline complex and time-consuming tasks such as cluster monitoring, LDAP access mirroring, and IDM access standardizing, saving 300 hours of work per month.
- Fully automated Linux Patching with addons like reporting compliance status and application start/stop/validation providing highest application uptime.
- Deployed a website that updates periodically using an ansible playbook that validates environment with standards parameters set by clients making vulnerability visible and validating new build servers at ease.
- Rearchitected OS Hardening using Dynamic Ansible playbook generation based on the OpenSCAP profile enabling to control and provision the perfect hardened Infrastructure for application teams.
- Carried out POC for Event Driven Ansible. Deployed EDA solutions for internal projects like infrastructure monitoring, GitOps, Dynamic IaC Playbooks etc.
- Created and deployed systemd services/cronjobs to automate application start/stop at boot removing dependency of application team in many activities

Unix Engineer, February 2019 - Present

- Delivered projects involving OS building on VMware and physical hardware with cluster systems such as PCS, VCS, and SunOS from Satellite/bare metal.
- User and Access management by OpenLDAP, OUD, ODSEE & RedHat IDM
- Provided L3 operational support on all high priority Unix related incidents
- Created and maintained a ServiceNow Kanban Dashboard for increasing work effectiveness of my team and avoid any SLA breaches.
- Recorded a series of comprehensive knowledge transfer sessions for new team members, aimed at providing an in-depth understanding of the organization's processes and technologies.

SKILLS

Platforms: *Cloud*: Azure, AWS, GCP
RedHat: RHEL, Ansible Automation Platform, Ansible Tower, Automation Hub, OpenShift, Satellite, IDM, Insights
Oracle: Solaris, ODSEE, OpsCenter, OUD
Clusters: PCS, VCS, SunCluster

DevOps: Ansible, Docker, Git, Azure, Kubernetes, Jenkins, Terraform, Bash, Jira, Splunk, Azure DevOps, Confluence, Dynatrace, Bitbucket, ServiceNow, Grafana, Nimsoft

Sides: VMware, Python, HTML5, CSS3, JavaScript, jQuery, ReactJS, Powershell, Machine Learning, Ethical Hacking, Android OS Development

CERTIFICATIONS

- ✓ Azure DevOps Expert /**AZ-400**
- ✓ Azure Developer Associate /**AZ-204**
- ✓ Azure Administrator Asso. /**AZ-104**
- ✓ Azure Fundamentals /**AZ-900**

AWARDS

- Beyond Excellence Award x2
- Best Team Award x2
- Most Valuable Team Member x3
- Star of the Month Award x2
- Maitree Prize Award
- On the Spot Award x2

EDUCATION

🎓 **SKNCOE, Pune -** *June 2018*
   BE(Mech), First Class with Distinction

🎓 **RSML, Latur -** *May 2014*
   HSC (Computer Science), 75.69%

🎓 **JVM, Murud -** *March 2012*
   SSC, 97.09%