AMARNATH JAMALE

Platform Engineer (Azure, DevOps, Unix)

A computer geek with professional experience of 4 years as Azure, Unix & DevOps Engineer. Skilled in Technologies related to Core Infrastructures like Cloud, DevOps, Unix & Automation. Proficiently working in Agile environment with strong analytical and problem-solving skills backed by impeccable written and verbal communication skills.

CONTACT

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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 deployment for several applications with IaaC
- Leveraged Biceps for CICD for application and platform deployments
- Migrated OnPrem workloads to Azure with standardized pipelines
- Provided Azure Administrator support for Cloud Workloads

DevOps Engineer, December 2019 – Present

- Deployed the Ansible playbook for automating the post Azure migration tasks saving the operation team's 4 hours per migrated server
- Automated application installations and upgrades, including client-specific modifications, as part of the Azure build process
- Developed several Ansible playbooks to automate daily activities, including system configuration backups, OS patching, and application installations, saving $3.5 million USD annually.
- Designed, deployed, and maintained a scalable and efficient container platform using Kubernetes and Docker for running applications such as httpd and Tomcat. Implemented Ansible automation for container deployment, scaling, and management processes.
- Implemented multiple bash/python/perl 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 with highest 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 solution for internal projects like infrastructure monitoring, GitOps for playbook linting, etc.
- Created and deployed systemd services/cronjobs to automate application start/stop at boot removing dependency of application team in many activities paving the pathway towards many automations.

Unix Engineer, February 2019 - Present

- Delivered projects involving OS building on both VMware and physical hardware with cluster systems such as PCS, VCS, and SunOS from Satellite.
- User and Access management by OpenLDAP & RedHat IDM
- Provided operational support on all 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 (KT) sessions for new team members, aimed at providing an in-depth understanding of the

SKILLS

Platforms: *Cloud*: Azure, AWS, GCP
RedHat: RHEL, Ansible Automation Platform/Tower and Hub, OpenShift, Satellite, IDM, Insights
Oracle: Solaris, LDAP, OpsCenter

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

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

CERTIFICATIONS

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

AWARDS

- ✓ Beyond Excellence Award
- ✓ 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%