

# AMARNATH JAMALE

Platform Engineer (Azure, DevOps, Unix)

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

## 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 IaC
- Leveraged Bicep 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*

- Developed several Ansible playbooks to automate daily activities, including system configuration backups, OS patching, and application installations, saving \$3.5 million USD annually.
- Deployed the Ansible playbook for automating the post Azure migration tasks saving the operation team's 4 hours per migrated server
- Designed, deployed, and maintained a scalable and efficient container platform using Kubernetes and Docker for running various applications.
- Developed and implemented Ansible automations for container deployment, scaling and management operational processes.
- Built numerous Podman images for ansible execution environments.
- 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 compliance reporting, ITSM management and application start/stop/validation resulted in highest uptime.
- Deployed a website using jQuery JavaScript that updates periodically using an ansible playbook that validates environment. It also provides a platform for handover, decommission, ilom monitoring, Infra capacity, etc. reports generated
- 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.
- Implemented Dynamic Config as Code practice for infrastructure management.

*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, OUD & RedHat IDM
- Provided operational and development support on across Unix Platform.
- 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 organization's processes and infrastructure.

## CONTACT

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-  [github.com/amarnathjamale](https://github.com/amarnathjamale)
-  [amar.jamale.org](https://amar.jamale.org) (Portfolio)

## SKILLS

**Platforms:** *Cloud:* Azure, AWS, GCP

*RedHat:* RHEL, Ansible Automation Platform/Tower and Hub, OpenShift, Satellite, IDM, Insights

*Oracle:* Solaris, LDAP, OpsCenter, OUD

**DevOps:** Ansible, Docker, Git, Azure, Kubernetes, Jenkins, Terraform, Bash, Python, PowerShell, Azure DevOps, VMware, Splunk, Jira, Confluence, GitLab, Bitbucket, ServiceNow, Dynatrace, Nimsoft

**Sides:** HTML, CSS, JavaScript, jQuery, ReactJS, Machine Learning, Perl, 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%*