

Vikrant Nandkumar Nalawade

System Engineer | vikrant.nalawade99@gmail.com | (+91) 7718949194 | In: [linkedin.com/in/vikrantnalawade/](https://www.linkedin.com/in/vikrantnalawade/)

Skills

Containerization, Orchestration & OS Administration

- Redhat OpenShift (Creation/Development/Administration)
- Kubernetes (Development/Administration)
- Docker/Podman
- Redhat Linux Administration • OS-Rhel, IBM AIX

Database & Middleware

- Oracle Database Administration
- Postgres
- IBM DB2
- MS - SQL

Scripting & Languages

- Shell Scripting
- Perl Automation
- YAML
- Dockerfile

Work Experience

On-site Experience - Dhaka, Bangladesh

Dec 2023 – Jan 2024

Hardware Migration and OS, DB & Software Upgradation

- Planned & Led **Hardware Migration** and OS Upgrade Activity for TCS-FS BaNCS Client which included optimum resource allocation, no data loss, minimum downtime, disaster recovery management, **OS upgrade**, Software & Database Upgrade.
- OS & Software **Upgrade included** - RHEL7 to RHEL8, Oracle 12c to 19c, Mfcobol to Visual Cobol 7, JBoss eap 6.5 to JBoss eap 7.4
- Successfully migrated all application stack to new Hardware and Upgraded. Stack included - UAT, PreProd, Prod - BaNCS CBS Host Application, NBL, Treasury & Respective Databases.

Tata Consultancy Services, Mumbai – System Engineer

July 2021 - Present

TCS-FS - BaNCS 2.0 Global Banking Platform

- Led the POC to **create inhouse Disconnected User-provisioned Redhat OpenShift Cluster** (3 masters, 6 workers) for Offshore development and deployment for BaNCS2.0 Product. This played pivotal role in securing new Global Banking Clients on BaNCS 2.0, significantly boosting the company's revenue.
- Reduced the cost involved in creating and **managing OpenShift Cluster** by acquiring required skills and expertise.
- Implemented cost-saving initiative by creating disconnected **mirror registry/ repository** to save images and artifacts.
- Configured **HA-Proxy, DNS, NTP, NFS** supplementary to OpenShift Cluster.
- Guided and assisted various banking projects for **Redhat OpenShift/Kubernetes** (administration/development), **containerization** of various Application.
- Collaborated in Building **CI/CD pipelines** using **DevOps** tools like Git, Jenkin, Nexus, Docker, Kubernetes, OpenShift, Prometheus, Grafana, ELK, Ansible, etc.
- Redhat OpenShift 4 Cluster, Kubernetes, Docker, Git, Jenkins, Redhat Linux Administration, VM Creation, DevOps

TCS-FS - BaNCS 1.0 Core Banking System

- Enhanced and Managed TCS-FS in-house **Code delivery tool - Promoter** - Use to Automate Testing and Patch Delivery where automated manual commit fetching, **saving 30% time** of Developers and Testers. This was achieved by deploying scripts which fetched commits as per timeframe and including mailing interface.
- **Fixed 98% of bugs** from Promoter tool to make it **robust** including bulk code compiling, housekeeping, etc.
- Developed a customized **perl/shell scripts** for backups, monitoring, cobol code compilation, etc.
- Worked on setting up TCS BaNCS Core application for Development, QA, UAT, Presales Demos for **50+ banking clients** and reduced time to create environment **from 3 days to 6 hours**. This is achieved by creating shell scripts to avoid repetitive tasks and sql scripts to **automate database steps**.
- Perl Scripting, Shell Scripting, automation

TCS-FS - System Team

- Managed and Administer **100+ Servers** used by TCS-FS Products and Offshore teams. OS Used - **RHEL, IBM AIX, HP-UX, Solaris, Windows**.
- Led and successfully performed initiative of **in place Redhat Enterprise Linux OS Upgrade in disconnected environment**. Derived approach then applied to 35+ servers efficiently.
- Actively involved in **Administrative activities** – OS installation, Virtualization (Redhat KVM, HyperV), Network & Security Configuration (SSH, FTP, DNS, HAProxy, NTP, firewall, selinux), File System & Storage Management (VG, LVM, PV, NFS), Package & Service Management, etc.
- Installed and Managed **Middleware** Platforms - Bancslink, Oracle **WebLogic**, IBM **WebSphere** Application Server and **JBoss EAP** on various platforms like Linux, AIX, Docker, Kubernetes.
- Created, Managed and Monitored Databases – **Oracle (CDB/PDB), IBM DB2, Postgres, MS SQL**.
- Redhat Linux administration, Database administration, Middleware

Education

University of Mumbai

B.E. in Computer Engineering

May 2017 - Jun 2021

CGPA: 7.4 / 10

Maharashtra State Board - H.S.C.

Standard XII - Science

Jun 2015 - Mar 2017

Score: 77.54%

Maharashtra State Board - S.S.C.

Standard X

Jun 2014 - Mar 2015

Score: 92.00%

Certificates

- **Microsoft Certified:** Azure Administrator Associate (AZ-104) (Feb 2023 – Feb 2024)
- **Microsoft Certified:** Azure Developer Associate (AZ-204) (Feb 2023 – Feb 2024)

Awards and Achievements

- Consistently getting Highest Performance Ratings (A band) in Annual Appraisal for 3 consecutive years.
- Star of the Month Award – September 2023
- Best Team Award – September 2023
- Best Speaker Award - TCS Maitree Toastmasters Club Mumbai - Apr 2024
- Beyond Performance Award – December 2022