

# Pranav Jambare

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## Work Summary:

- DevOps Engineer with over 5 years of professional experience, currently contributing to the success of Tata Consultancy Services.
- Proficient in providing continuous support for the creation of Jenkins Pipelines and deploying containers, ensuring seamless integration and delivery processes.
- Specialized in Linux, Shell scripting, Cloud Technologies, and CI/CD technologies, with a track record of implementing robust and scalable solutions.
- Demonstrated expertise in optimizing development workflows, enhancing system reliability, and fostering collaboration between development and operations teams.
- Proven ability to adapt to evolving technologies and industry best practices.
- Committed to delivering high-quality solutions that align with organizational goals and drive efficiency in software development and deployment processes.

## Work Experience

### **DEVOPS ENGINEER | TATA CONSULTANCY SERVICES | JAN'23- TILL DATE**

#### **Responsibilities:**

- Administered and optimized Linux infrastructure, ensuring uninterrupted 24x7x365 service availability.
- Implemented proactive monitoring using Grafana, Dynatrace, and ELK to assess and enhance system performance.
- Automated manual tasks through the creation of shell scripts, streamlining operational workflows.
- Orchestrated end-to-end CI/CD processes, leveraging Jenkins for testing, building, designing, and deploying applications.
- Utilized configuration management tools such as Ansible, IBM Urban Code, and Terraform to ensure consistent and scalable infrastructure.
- Applied hands-on expertise in managing VMs and containers using Kubernetes, Docker, and Helm Charts.
- Proficiently handled databases, including MySQL and MongoDB, executing basic commands for efficient data management.
- Implemented Source Code Management using Git, ensuring version control and collaborative development practices.
- Applied Agile methodologies throughout all project phases, with proficiency in Jira, Confluence, and Scrum.
- Executed application upgrades, rollouts, and installations using IBM Urban Code for effective deployment management.
- Provided 24/7 on-call support to manage and troubleshoot deployment-related issues, ensuring system stability.

### **PRODUCT INTEGRATION ENGINEER | SCIENAPTIC AI | MAY'22- DEC'22**

#### **Responsibilities:**

- Deployed IRIS product, executed code updates, rolled up code, applied patches, and performed upgrades.
- Provided continuous support for the creation and execution of Jenkins pipelines, ensuring the deployment of both fresh and upgraded containerized environments.
- Installed and configured Jenkins to facilitate continuous builds and integrated SCM polling with GIT for code rollup.
- Managed the installation, configuration, and maintenance of Kubernetes to support scalable container orchestration.
- Facilitated the migration of clients from UAT to Production environments, ensuring a seamless transition.
- Oversaw the administration of Linux servers, addressing maintenance and operational needs.
- Implemented CloudFormation for the creation of Virtual Private Clouds (VPC), handling Security Groups, Elastic IP, and Instances for clients.
- Utilized Jenkins pipelines to automate the build process, pushing services to the Docker registry and

deploying to Kubernetes.

- Installed the IRIS product using Ansible Deployment for efficient and standardized deployment procedures.
- Leveraged JIRA for project management, ensuring streamlined collaboration and task tracking.
- Monitored services using NET-DATA to assess and enhance system performance and reliability.

## **R&D CLOUD OPERATION SPECIALIST| DASSAULT SYSTEMS | AUG'18- MAY'22**

### **Responsibilities:**

- Orchestrated the deployment of 3D platform services on OPC (On-Premises), overseeing server management and lifecycle actions such as creation, modification, and deletion.
- Provided 24/7 cloud support, ensuring the seamless management of deployments and monitoring on the 3DS platform.
- Conducted proactive monitoring and troubleshooting of clusters, addressing issues related to Quota and Security Groups on AWS and Outscale.
- Managed sandboxes through their entire lifecycle, including creation, modification, and deletion.
- Utilized Jenkins for server rebuilding, implementing changes to the operating system and ensuring system integrity.
- Applied patches and upgrades to the Service Controller, actively troubleshooting any issues that arose during the process.
- Collaborated with software developers, IaaS providers, and technical support professionals to optimize system performance.
- Developed automation tools using shell scripts and Python to streamline critical and repetitive tasks.
- Managed VMs on the vSphere client, ensuring efficient utilization and performance optimization.
- Oversaw the MySQL database in the OPC environment, handling configuration, maintenance, and troubleshooting.

## **SKILLS**

- Platform: Linux
- Containerization: Docker, Kubernetes
- AWS: EC2, S3, EBS, ELB, IAM, VPC.
- Automation Tool: Ansible, Terraform, Urban Code
- Programming languages: Bash - Shell Script
- CI/CD: Jenkins.
- Database: Fundamentals of MongoDB & MySQL
- Ticketing Tool: Jira, Samanage & Confluence
- Version Control Tools: Git, GitHub
- Monitoring Tool: Grafana, Netdata, Prometheus and ELK
- API Platform: Fundamentals of Postman API

## **Education**

- Bachelor of Engineering in Computer in year 2018 from Pune University, with 63.13%
- Diploma in Computer Engineering in year 2015 from Dr. Babasaheb Ambedkar Technological University, with 75.30%
- S.S.C. from Mumbai Board in 2012 from N.M. Joshi Vidyalaya, Raigad with 84.20%.