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## **About Me**

A Results-driven Production Application Support and System Administration Engineer with 5 years of demonstrated expertise in product-based organizations. Specializing in Application Production Support and Server Infrastructure Management, experienced in On-Premises SaaS and AWS Cloud environments. Proficient in IT infrastructure monitoring, hosting operations, and deploying DevOps CI/CD pipelines to streamline development processes. Skilled in automating infrastructure deployments using Infrastructure as Code tools, promoting a collaborative DevOps culture

## **Skills**

- **Server:** - Linux (Red-hat, Cent OS, Ubuntu, Amazon-Linux)
- **Web Server:** - Tomcat, Apache
- **Database:** - PostgreSQL, MySQL
- **Cloud:** - Amazon Web Services (AWS)
- **AWS:** - EC2, VPC, S3, Security Group, IAM, LightSail, boto3, Lambda
- **DevOps:** - Git, GitHub, Ansible, Docker, Kubernetes, CI/CD, Jenkins, Maven, Nagios
- Installation and configuration of GIT, merging code from development branch to master branch and make it ready for deployment.
- Installing Plugins in Jenkins as per project requirements.
- Having knowledge on Docker containerization tool.
- Experience in handling web and application servers on Red-Hat/Centos.
- Good experience Ansible
- Good understanding of Software Development Life Cycle.
- Knowledge on Nagios Server

## **Experience**

**Nippon Data Systems Ltd.** (1-Aug-2022 to Present)  
**System Administrator** (Red-Hat, CentOS, PostgreSQL)

**Project:** - <https://nextgen.ehospital.gov.in/>

The eHospital application is the Hospital Management Information System (HMIS) for internal workflows and processes of hospitals. eHospital is a one-stop solution which helps in connecting patients, hospitals, and doctors on a single digital platform

## **Responsibilities:** -

- Deploy application artifacts and implement hotfixes in production environments within approved release windows, reducing deployment time by 30%.

- Provision and configure cloud and on-premises resources, ensuring adherence to scalability, reliability, and security standards.
- Collaborate with development and QA teams to diagnose and resolve technical issues promptly, reducing downtime incidents by 40%.
- Document procedures, processes, and configurations for cloud and on-premises infrastructure, improving team efficiency by 15% through clear documentation.
- Provide technical support for on-premises and cloud infrastructure, ensuring continuous service availability.
- Manage configurations for 50+ cloud instances and on-premises servers.
- Participate in on-call rotations, responding promptly to incidents to minimize downtime and ensure service reliability.
- Write CI/CD pipelines (Jenkins, GitHub CI/CD) to enhance deployment frequency and reliability, reducing manual effort by 50%.
- Monitor and maintain Kubernetes clusters (Prometheus, Grafana) and oversee infrastructure performance (CloudWatch, Splunk), achieving 99.99% availability and scalability.
- Dockerize applications and configure Kubernetes clusters using kubeadm and AWS EKS, ensuring high availability and effective load balancing strategies

**Project: - eCollabDDS** (<https://ecollabdds.ehospital.gov.in/>)

eCollabDDS is a web based comprehensive tele radiology solution which enables the transmission of images such as X-rays, CTs and MRIs from one geographical location to another which can be viewed and interpreted by Radiologist for diagnosis or consultation purpose.

**Responsibilities: -**

- Installation, Testing, Updating Patches, Troubleshooting server issues. Configuring Red hat Linux servers for Production, Staging and Testenvironments running Database
- Implemented CI/CD pipelines using Jenkins to automate software builds, testing, and deployment processes, resulting in a 30% reduction in time-to-market.
- Deploying WAR of eCollabDDS application on Tomcat.
- Integrate with version control systems like Git in Jenkins
- Integrate the Build tool like Maven in Jenkins
- Automated configuration management tasks using Ansible reducing manual efforts and minimizing configuration drift across environments
- Collaborated with development and operations teams to optimize application performance, troubleshoot issues, and implement best practices for infrastructure and application monitoring

**Quattro Business Support Solution (Feb-2019 to July 2022)**  
**Solution Engineer (Linux)**

**Responsibilities: -**

- Installation, configuration, updating and maintaining RHEL, SQL & Client systems. Installation of Application Software for Application Server.
- LVM Management - LV Creation, Deletion, Extend.
- Database —MySQL Database.
- Manage Users in OS and in Database.
- Upgrade and configure system software.
- Tracking system capacity (CPU, memory, disks pace, etc.) and reporting.
- Monitoring of the Disk space, File System, Process, CPU and Memory Utilization of servers
- SSL Implementation

**Qualification**

- B.Tech in Computer Science (Chaudhary Charan Singh University Meerut) 2016.
- Completed DevOps Training from Ethan Tech Pune

**Declaration:**

I hereby declare that the details furnished above are best of my knowledge and belief.