Suryadev Chaudhary

✉ saigalsainy318333@gmail.com 📞 +916203821250 📍 Delhi, India 🗓 25th April 2000 ↖ Portfolio

in LinkedIn   ⦿ GitHub

🧠 SKILLS

| Wazuh | Windows Administration | Linux | Docker | Cloud | AWS | Jenkins |
| Git | Data Center | GPU Setup | Ansible | HPC | DevSecOps | VMware |

💼 PROFESSIONAL EXPERIENCE

Project Associate   June 2024 – present | Pune
Centre for Development of Advanced Computing (C-DAC)

- Experienced in managing critical network services such as **DNS, DHCP, NTP, NFS, Samba, Chrony, LDAP, Active Directory, SMTP,** and Syslog servers on both Linux and Windows Server environments.
- Experienced in optimizing Linux system performance, troubleshooting issues, and ensuring a reliable and efficient network infrastructure.
- Experienced in managing **Zimbra** Mail Server, including installation, configuration, user and domain management, **SSL** integration, backup and restore operations, and troubleshooting to ensure secure and reliable email communication.
- Experienced in **GPU** setup and configuration within data center environments, including hardware integration and driver installation.
- Experienced in managing **Data Center** infrastructure, including hardware setup and OS installation on physical servers.
- Experienced in **KVM** virtualization setup and management within data center environments, including virtual machine provisioning, network configuration, and performance optimization.
- Experienced in managing **VMware ESXi** and **vCenter** environments, including deploying, configuring, and optimizing virtual machines, managing resource allocation.
- Experienced in managing **MySQL** and **PostgreSQL** databases, including installation, configuration, performance tuning, backup and recovery, and user access management.
- Experienced in automating infrastructure deployment and management using **Terraform** for provisioning, **Ansible** for configuration management, and Bash scripting for task automation and custom workflows.
- Experienced in conducting Vulnerability Assessment and Penetration Testing **(VAPT)**, implementing CIS Benchmark-based **system hardening**, and managing patch deployments to enhance security, resolve vulnerabilities, reduce risks, and maintain compliance.
- Executed regular updates and security enhancements, including rewall and intrusion detection systems, enhancing overall system security posture and reducing vulnerabilities by 40%.

- Strong knowledge and experience in **Linux** and **Windows** administration.
- Experienced in deploying and managing web servers such as **Apache**, **Nginx**, and **Tomcat**, including configuration, performance tuning, virtual hosting, SSL integration, and troubleshooting to ensure secure, scalable, and high-performing web applications.
- Experienced in using **PuTTY, WinSCP**, and **MobaXterm** for remote server management, secure file transfers, and multi-session handling.

DevSecOps Engineer　　　　　　　　　　　　　　　　　　　Oct 2023 – April 2024 | Silchar
Centre for Development of Advanced Computing
(C-DAC CINE)

- Experienced in configuring and managing **SVN, GitLab** and **GitHub** while enforcing best practices for version control and branching strategies.
- Experienced in configuring and managing Jenkins and GitLab Cl for CI/CD, involving creating robust automation pipelines that streamline code integration and deployment.
- Experienced in configuring and managing Docker for seamless containerization and efficient deployment, while skilled in orchestrating containerized applications with Kubernetes.
- Experienced in integrating **SAST** tools like **SonarQube, DAST** tools like **OWASP ZAP**, and container security tools such as **Trivy**, alongside OWASP Dependency-Check all within Jenkins CI/CD pipelines to automate the entire DevSecOps workflow.
- Experienced in SSL management using platforms like cPanel, Plesk, and GoGetSSL, including certificate generation, installation, renewal automation, and troubleshooting to ensure secure and encrypted communication for web applications.
- Experienced in managing Nexus Artifactory for efficient storage and distribution of build artifacts, also leveraging it as a Docker private repository for container management.
- Experienced in configuring and managing advanced deployment strategies with Spinnaker for sophisticated release management, and **GitOps** workflows with **ArgoCD** for streamlined, automated application delivery in Kubernetes environments.
- Experienced in monitoring and observability using tools like Prometheus, Grafana, and Elastic Stack, implementing alerting and logging solutions to ensure high availability and reliability of applications and infrastructure.
- Experienced in **AWS** cloud administration with key products and services including **EC2** for compute, **S3** for storage, **RDS** for managed databases, Lambda for serverless computing, CloudFormation for infrastructure as code, **CloudWatch** for monitoring and logging, **IAM** for access management, **VPC** for networking, and **EKS** for container orchestration.
- Successfully implemented and integrated Wazuh security monitoring tool within the organization, enhancing threat detection, incident response, and overall security posture.

📁 PROJECTS

Wazuh (SIEM + EDR)
- Implemented and managed Wazuh for centralized security monitoring and compliance across the organization, enhancing threat detection, vulnerability management, and incident response capabilities.

https://github.com/chaudharysurya14/wazuh 🔗

Implementing SDLC Framework in DevSecOps

- Implemented and managed DevOps pipelines using Git, Jenkins, SonarQube, Maven, Tomcat, Prometheus, and Grafana to automate build, test, deployment, and monitoring processes, ensuring seamless integration and continuous delivery.

https://github.com/chaudharysurya14/Netflix_CICD_Project 🔗

Deployment of HPC Cluster using XCAT

- Deployed and configured a High-Performance Computing (HPC) cluster using XCAT (Extreme Cluster Administration Toolkit), automating node provisioning, resource management, and performance tuning. Ensured efficient cluster operation by integrating job scheduling systems and optimizing communication across compute nodes for scalable, parallel processing.

https://github.com/chaudharysurya14/HPC-Cluster_Deployment_Using_XCAT 🔗

🎓 EDUCATION

PG-Diploma in High Performance Computing Systems Administration (PG-DHPCSA) CDAC ACTS   September 2022 – March 2023 | Pune

- To understand the Concepts of Linux, Networking, Windows Administration, Data Centre Management, applications security implementation, Cloud and use various techniques for High Performance Computing.

- MARKS: 65.78/100%

B.Tech (Electrical and Electronics)
Aryabhatta Knowledge University   2017 – 2021 | Patna

- CGPA: 7.5/10

🌐 LANGUAGES

English   **Hindi**