

MANISH RAJ

Teamcenter Administrator | DevOps | Linux

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Professional Summary

Results-driven Teamcenter Administrator with more than 2 years of experience in managing end-to-end CI/CD pipelines for deploying Teamcenter X on AWS Cloud. Skilled in troubleshooting and resolving installation errors, ensuring seamless deployment processes. Proficient in monitoring and managing Kubernetes clusters using Argo CD, with expertise in writing efficient Bash scripts and Ansible variables to automate and execute pipelines. Adept at delivering scalable and reliable solutions, leveraging a strong foundation in cloud infrastructure and DevOps practices.

Key Skills

- **Language:** Java, Python, HTML, CSS, Shell Scripting
- **Cloud:** AWS Cloud
- **Databases:** MySQL, PostgreSQL
- **Version Control:** Git
- **DevOps Tools:** CI/CD, Terraform, Docker, Kubernetes, Argo CD
- **IDEs:** Eclipse, Visual Studio Code, IntelliJ Idea, MS Office
- **PLM Tools:** Teamcenter Functional & Administration

Professional Experience

Siemens Digital Industries Software, Pune, India

June 2024 – Present

Software Engineer (DevOps and Teamcenter Administration)

- Playing a dual role as a **DevOps Engineer** and **Teamcenter Administrator**, ensuring seamless deployment and management of **Teamcenter X** environments on **AWS Cloud**.
- Automating infrastructure setup and configuration using **Ansible**, optimizing workflows for **CI/CD pipelines** on **GitLab**.
- Leveraging **Argo CD** for continuous deployment, monitoring pods and services, and maintaining system integrity.
- Managing **Kubernetes clusters**, debugging issues by analysing logs, and ensuring high availability for **Teamcenter X** systems.
- Leading the entire lifecycle of **Teamcenter X environments** from deployment to decommissioning, including monitoring, scaling, and teardown.
- Collaborating cross-functionally to enhance infrastructure reliability and application performance through DevOps best practices.

HCL Technologies Limited, Pune, India

November 2022 – May 2024

Software Engineer

- Contributed as a **team member** to the **Teamcenter Migration Project**, ensuring high-quality and secure Java-based applications.
- Developed and maintained **Java projects** using tools like **Maven** and **Ant**, focusing on identifying and filtering vulnerable components.
- Performed detailed analysis and remediation of vulnerabilities within the codebase, ensuring compliance with security standards.
- Conducted rescans using **Veracode Sandbox** to validate the removal of vulnerabilities and achieve a **100% success rate** in vulnerability resolution.
- Collaborated with cross-functional teams to deliver secure and efficient solutions, enhancing the overall stability of the project.

Revature LLC, Chennai, India

April 2022 – September 2022

Internship | Java Full Stack Developer

- Gained hands-on experience in **Core Java**, **JDBC**, **MySQL**, **Hibernate**, **Spring Framework**, **Angular**, and **AWS Cloud** through structured training.
- Worked on the development of a **Hotel Management System** application, implementing **CRUD** operations for various modules.
- Collaborated with a team to design and build a robust application using **Agile methodology**, ensuring efficient delivery of features and maintaining code quality.
- Focused on developing and integrating both **frontend** and **backend** components of the application, enhancing overall functionality and user experience.
- Contributed to the **AWS Cloud** deployment and configuration, optimizing the application for scalability and performance.

Projects

Performance Management System

Technologies Used: React, Spring Boot, MySQL, Bootstrap

Developed a web application to monitor network device performance, displaying data through graphs and charts.

Education

Nalanda College of Engineering

August 2018-September 2022

B-Tech in Computer Science (Graduation)

CGPA: 8.03

Achievements

- **Best Performer in Coding Competition (FTOP Program, HCLTech):** Led a group to win the **Best Performer** award in a **coding competition** organized during the **FTOP Program** at **HCLTech**, demonstrating strong leadership and technical skills.
- **Organized Ethical Hacking Workshop (College):** Successfully organized and led an **Ethical Hacking Workshop** during college, enrolling over **200 students** and providing them with hands-on learning experiences in cybersecurity.