

Siddhartha Yaddanapudi

DevOps Engineer/QA Manager

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Versatile IT professional with 13 years of experience, excelling as a DevOps Engineer, Linux System Administrator, QA Manager/Lead, Automation Engineer, Manual Test Engineer and Auditor of QA practices. Proven track record in optimizing workflows, enhancing system performance, and delivering high-quality software through adept collaboration and automation implementation.

Skills

Windows Server 2003-2012, Win 7 & 10, Win XP	
SQL Server 2008, 2012, 2016	
Linux Operating System - System Admin	
Test Automation - Cypress, Playwright (Beginner), Trientis TOSCA, Selenium (Beginner) Ranorex, UFT	
Software Development - SDLC, STLC, Manual testing	
Project Planning, Agile Implementation, Scrum Process	
Web Hosting - Server Configurations, Cloudflare, DNS, AWS - Backups, ansible playbooks, Hosting services and wordpress development	

Work History

2022-01 - Current

DevOps Engineer

Whetstone Cyber Solutions Pvt Ltd.

Client : Newtarget, Inc is a Digital Agency

Experienced DevOps Engineer, System Administrator and QA Manager with a proven track record in optimizing infrastructure, implementing CI/CD pipelines, and ensuring seamless collaboration between development and operations teams. Proficient in a range of DevOps tools, Linux system administration, and Bash scripting. Adept at automating processes, improving system performance, and providing robust solutions for efficient and secure operations. Expert in Cypress Automation and manual validation for unit testing and regression testing WordPress, Drupal sites across multiple environments. Contributed to automating the deployment process creating ansible playbooks with Python scripts, integrating Git, DeployBot/DeployHQ, and OOM(CMS) using APIs to construct an automated and streamlined workflow. Well-versed in cybersecurity activities

using WPScan and Wordfence, with experience in web hosting on servers configured with Cloudflare and DNS propagation.

Tools and Exposure :

- **DevOps:** CI/CD, Docker, Ansible, Jenkins, Git,
- **System Administration:** Linux, Bash Scripting, User Management, Backup & Recovery
- **Cloud Platforms:** AWS
- **Monitoring and Logging:** Site 24*7
- **Security:** Security best practices, integration into CI/CD pipelines, WPScan, Wordfence
- **Collaboration:** Git workflows, deployment management with DeployBot/DeployHQ
- **Content Management:** OOM, MainWP
- **Web Optimization:** Cloudflare configuration, DNS propagation
- **Project Management:** Zoho for ticketing and project management
- **Testing:** Cypress Automation(pilot) for unit and regression testing WordPress and Drupal sites
- **Automation:** Python and ansible playbooks for deployment process automation, API integration with Git, DeployBot, and OOM
- **Automation Tools :** Playwright with .Net/TS/JS, Cypress

Roles and Responsibilities :

DevOps Engineer :

- Created 1500+ Tickets in zoho during the course to handle Core and Plugin enhancements, domain security and handle deployments
- Spearheaded the implementation of CI/CD pipelines, reducing deployment time by 70%.
- Implemented security best practices in CI/CD pipelines, infrastructure, and containerized environments.
- Managed version control with Git, ensuring code consistency and collaboration.
- Implemented Cypress Automation for unit testing and regression testing of WordPress sites post-deployment.
- Contributed to automating the deployment process with Python scripts, ansible, integrating Git, DeployBot, and OOM using APIs to construct an automated process.
- Conducted cybersecurity activities using WPScan and Wordfence to ensure the security of WordPress environments.
- Hosted websites on servers configured with Cloudflare, managing DNS propagation and optimizing web hosting environments.

System Administrator :

- Administered Linux-based systems, ensuring optimal performance, security, and reliability.

- Developed and maintained Bash scripts for automation of routine system tasks.
- Managed user accounts, permissions, and access controls on Linux systems.
- Implemented robust backup strategies, regularly testing backup and recovery processes.
- Collaborated with cross-functional teams to support application deployment and integration.

QA Manager :

- Act as a liaison between QA, System Analysts, and Project Managers to align on timelines and release readiness
- Oversee QA Processes and supervise end-to-end testing activities for WordPress sites, ensuring plugin/theme/core updates are thoroughly validated before deployment.
- Define Test Strategies to Develop and enforce test plans, regression test suites, and acceptance criteria tailored to site update workflows and security patches.
- Ensure Site Stability & Security that updates or vulnerabilities break the functionality. Focusing on performance, security, and compatibility.
- Mentor & Guide QA Team and Provide technical direction, set priorities, and ensure the QA team follows best practices for testing in WordPress and Linux environments.
- identifying root causes, evaluating system-level impacts, and driving timely resolutions for issues discovered during QA or post-deployment
- Maintain Triage and professional communication with clients regarding reported issues, resolution timelines, and status updates.
- Work with stakeholders to assess potential risks from updates or changes and ensure proactive mitigation plans are in place
- Facilitate structured feedback sessions between QA, development, and clients to refine processes and improve product quality

2019-08 - 2022-01

Quality Lead

AmeriSource Bergen Corporation(Tata Consultancy Services)

Title : DFE (Data Feed Engine), Fusion DMP

Client : AmerisourceBergen Corporation

Roles and Responsibilities :

- Led quality efforts for Data Feed Engine (DFE) and Fusion DMP projects.
- Successfully managed client interactions, requirements gathering, and testing phases.
- Played a key role in the development and validation of strategic plans for operational activities.
- Executed testing on Salesforce UI, Jenkins jobs, and validated data feeds from Oracle DB.

Work Description :

DFE is a UI which is used to perform Feed configurations integrated with Middleware and Jenkins. The DFE configurations are performed to derive the data from Oracle DB which is injected from Salesforce UI using Informatica sessions. Data Management Platform DMP is a migration platform for the existing legacy systems based on .net applications mounted on SQL server integrated using SSIS services to the new platforms using salesforce, Oracle DB and Informatica services. It helps to serve the purpose of data handling with respect to pharmaceutical storage and distribution, Customer Relationship Management, Drug Fulfilment, Field force alignment and CMS related data. The DMP process handle the End-to-End data processing in the form of Data feeds from Peer to Client and vice versa

2019-01 - 2019-08

Test Lead

ALLSCRIPTS HEALTHCARE, LLC (Tata Consultancy Services)

Client : ALLSCRIPTS HEALTHCARE, LLC

Roles and Responsibilities :

- Contributed to PI planning and estimating testing efforts.
- Monitored team status, adhered to AGILE standards, and conducted cross-functional training.
- Developed and executed test automation scripts, ensuring efficient regression testing.
- Conducted debugging and preparation of regression suites for builds.

2017-10 - 2019-01

Test Lead/Sr. Test Analyst

McKesson (Foray Software Pvt Ltd.)

Client : McKesson

Roles and Responsibilities :

- Created comprehensive test scenarios and cases for System Integration Testing (SIT) and User Acceptance Testing (UAT).
- Managed PI planning, estimating testing efforts, and adherence to AGILE standards.
- Conducted cross-functional training and developed test automation scripts.

2016-10 - 2017-10

Senior Project Engineer

Shire Pharmaceuticals (WIPRO TECHNOLOGIES)

Client : Shire Pharmaceuticals

Roles and Responsibilities :

- Managed team, estimated efforts, and ensured compliance with testing standards.

- Conducted internal audits and engaged with clients for value-added progress.
- Participated in client triage meetings, prepared test plans, and performed end-to-end testing.

2014-08 - 2016-10

Senior Project Engineer

Glaxo Smith Klein (WIPRO Technologies)

Client : GSK-NA-CRM-GSK360-OOD, Oracle Upgrade for CE Apps, GSK Oracle RIGHTNOW

Roles and Responsibilities :

- Led PI Planning and played a pivotal role in estimating testing efforts.
- Prepared comprehensive understanding documents and test scenarios.
- Implemented ETL tool - Informatica for efficient database testing.
- Developed and executed SQL scripts, reducing data validation efforts by 50%.
- Assessed and estimated project complexity for ETL process requirements.
- Managed test planning, execution, and quality defect tracking through Quality Centre 10.
- Extensively involved in integration, regression testing, and data validation processes.
- Provided walkthroughs of test scenarios to clients and conducted knowledge transfer sessions.
- Ensured adherence to IT Standard Test Process and conducted compatibility testing.

2014-02 - 2014-08

Software Engineer

Employees State Insurance Corporation of India (WIPRO Technologies)

Client: Employees State Insurance Corporation of India (WIPRO Technologies) **Title:** ESIC Dhanwantri

Roles and Responsibilities :

- Implemented SDLC and STLC methods for Dhanwantri HIS application and Pragathi-Insurance applications.
- Conducted Test Activities, including Requirement Analysis, Test Scenarios, and Test Case preparation.
- Executed Functional/non-Functional, Regression Tests, and Web Services Testing.
- Tracked defects end-to-end, ensuring comprehensive Defect Tracking, Retest, and Execution.
- Maintained and supported Employer Portal, IP Portal, and Staff Applications.
- Designed and implemented new enhancements based on client requests.

2012-09 - 2014-02

Test Engineer

Standard bank of South Africa (SBSA) (WIPRO Technologies)

Client: Standard Bank of South Africa (SBSA) (WIPRO Technologies) **Title:** Finacle

Roles and Responsibilities :

- Implemented SDLC and STLC methods for the vast Finacle application used by international banks.
- Conducted Test Activities, including Requirement Analysis, Test Scenarios, and Test Case preparation.
- Executed Functional/non-Functional, Regression Tests, and Web Services Testing.
- Tracked defects end-to-end, ensuring comprehensive Defect Tracking, Retest, and Execution.
- Communicated effectively with stakeholders, clients, and Infosys Development.
- Specialized in testing the Payments module, gaining expertise in Clearing, SWIFT/RTGS, and ACH modules.

Education

Master of Science: Software Engineering

BITS Pilani - Hyderabad

Bachelor of Science: Computer Science

Andhra Loyola College - Vijayawada

Education Certifications

- Certified AWS Practitioner (InProgress)
- Linux Essentials Ex-200 (In Progress)
- TOSCA Automation Specialist Level 1
- Foundation: Tech Learning Cluster - Unix with MySQL for Python Programmers_E1_vILT
- Process: Agile Way of Working Foundation
- BPS: Environment Health & Safety Foundation
- ISTQB Certified
- Yellow Belt Lean Six Sigma Process (TCS Internal)
- Digital Block Chain (TCS Internal)
- Quality Management for Delivery (TCS Internal)
- Assurance: Automated QA – TestComplete