

Bishnu Prasad Parida

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Software Engineer with 5.6 years strong experience as a SDET with proficiency in manual QA as well. Experienced in implementing CI/CD pipelines and DevOps practices to ensure efficient and reliable software delivery. Adept at identifying and resolving issues, contributing to high-quality product releases. Committed to continuous improvement and enhancing team collaboration throughout the development lifecycle.

Experience

SOFTWARE ENGINEER | MPHASIS LTD. | BENGALURU | MAR'2019 – APR'2022

AIOPS

- Developed an anomalies detector model to identify unusual values from sensors placed on different cooling systems in a datacenter.
- Worked on Docker for implementing microservices.
- Worked with Kafka partitions and topics for managing the real time data streaming and processing from CDU sensors.
- Kubernetes cluster administration, employing k8 commands for tasks such as pod management, scaling, and troubleshooting. Proven proficiency in navigating Kubernetes namespaces to ensure effective resource allocation and application deployment.
- Assisted customers in resolving anomalies and providing support for their cases

Data Management Framework

- Collaborated with the QA Team to validate regression issues and developed Python scripts to automate test cases for different scenarios.
- Utilized various Linux file systems including exfs, gpfs, and Lustre
- Optimized HPC storage resources by implementing the HPE Data Management Framework (DMF), which enabled a hierarchical, tiered storage management architecture
- Streamlined data workflow and automated data movement across the full storage hierarchy using the HPE Data Management Framework
- Verified regression issues and automated test cases using Python scripts in collaboration with the QA Team

SENIOR QA ENGINEER | NESS DIGITAL ENGINEERING | PUNE | AUG'2022 – JUN'2024

Servergraph (Product Engineering) for Rocket Software

- Automated dashboards and reports, resulting in improved visibility and streamlined management of data protection processes
- Managed end-to-end build lifecycle and all QA activities as a build and QA engineer in the product engineering team
- Developed and implemented Jenkins and Bamboo pipelines for a smooth development and testing process
- Implemented expertise in Linux OS (RHEL, CentOS) and Shell scripting
- Written python scripts to automate the test case for API automation in Python, Pytest, selenium for web
- Working in Jira, Agile methodology, Kanban, and defect management

Veritas NetBackup

- Conducting diverse test cycles (regression, functionality, etc.) as part of the NetBackup (SaaS) QA team.
- Proficiently setting up clusters across multiple environments such as RHEL, Windows, Rocky Linux, SLES, and Solaris for testing purposes
- Collaborating closely with Data Backup and Governance teams
- Leveraging expertise in Data-in-Transit encryption and Certificate Authorities to ensure secure communication and data protection

SENIOR TEST AUTOMATION ENGINEER | ATLAS COPCO GROUP | PUNE | AUG'2024 – PRESENT

Smart Data Gateway

- Developed automated tests on Python to verify the functionality of API endpoints, which are basically docker containers, ensuring seamless data flow from Raspberry Pi to RabbitMQ and Grafana.
- Designed and prepared test rigs to facilitate comprehensive testing of the integration between pumps, abatement systems, and API services.
- Created and maintained a detailed manual test plan, outlining test cases and procedures for effective QA processes.
- Established and managed the automation framework on TeamCity to streamline testing efforts and enhance overall testing efficiency.

Skills

Programming/Scripting: Python, OOPS, Shell script

Operating systems: Linux (RHEL, SUSE, UBUNTU, CENTOS), Windows, MacOS

Devops Tools: Jenkins, Bitbucket, Bamboo, Teamcenter, GIT, Upsource, Ansible, Docker, K8

Other Tools/Skills: REST API Automation, Postman, HPC, RabbitMQ, Selenium, vSphere, Microservice, Agile, Kanban, Networking.

Cloud: AWS (EC2, S3), Azure Devops

Education

2014 - 2018

Bachelor of Technology (B. tech) | Computer Science & Engineering | GIET, Gunupur, Odisha