BISHNU PRASAD PARIDA

Eager to contribute to a dynamic team, leveraging expertise in streamlining build workflow, implementing cutting-edge automation techniques, and ensuring the seamless delivery of top-notch software products.

CONTACT

✉ bpparida86@gmail.com
📞 +91-8658634556

EDUCATION

●● **B.Tech. (Computer Science & Engineering)** from Gandhi Institute of Engineering and Technology, Gunupur, Odisha, 2018

CORE COMPETENCIES

●● QA Automation
●● CI/CD
●● Release Management
●● Software Testing
●● Build Workflows Optimization
●● Automation Strategies
●● Quality Assurance Process
●● Change/Release/Build Management

TECHNICAL SKILLS

Tools: Docker,Kubernetes, Defect Tracking,Test Design,POSTMAN,GitHub, SVN, Jenkins, Ansible, Pytest, Prometheus, Amazon S3, TestRail, JIRA, Bamboo, Ansible Tower

Databases: MySQL, Postgresql,Oracle

Utilities: Putty, WinScp, MobaXterm

Environment: Linux (RHEL, CentOs, SLES), Windows

Packages: MS Office, WPS Office

AWS: VPC, EC2, SSM, ALB, IAM, S3, Route53, RDS, CloudWatch, CloudTrail, Cost explorer, compute optimizer

CERTIFICATION

PROFILE SUMMARY

- **Nearly 5 years** of proficiency in QA Automation, successfully applying innovative approaches and industry-leading methodologies to consistently deliver exceptional software solutions
- Highly skilled in implementing advanced QA Automation techniques and STLC methodologies to deliver top-quality software
- Proficient in both Automation and Manual Testing, with a strong focus on driving efficiency and exceeding customer expectations through streamlined QA processes
- Achieved a 90% code coverage by successfully implementing unit testing for a critical module, resulting in a significant reduction in bug density in subsequent releases
- Proficient in managing and deploying applications on Kubernetes clusters using tools such as kubectl. Experienced in performing tasks such as pod deployment, scaling, and monitoring. Familiar with working in Kubernetes namespaces for effective resource isolation and management.
- Developed automation script for REST API testing using POSTMAN.
- Expertise in writing scripts to automate test cases using Python, Pytest, and Selenium, ensuring rigorous testing standards are maintained
- Experienced in configuring HPC clusters and running automation test suites on them & proficient in creating and deploying test environments
- Knowledgeable in common SCM tools such as Bitbucket, GitHub, and SVN
- Proficient in containers and orchestration systems like Docker
- Expertise in CI/CD automation tools like Jenkins and Bamboo
- Strong knowledge of Linux (RHEL, CentOS, SLES) installation and scripting languages such as Shell

WORK EXPERIENCE

NESS DIGITAL ENGINEERING, Pune, Maharashtra ||Senior QA Engineer ||Aug'22-Present

Responsibilities:

Servergraph (Product Engineering) for Rocket Software (Aug'22-Jul'23)
- Proactively monitored the entire backup environment, regardless of the number of backup technologies in use, ensuring data protection processes, costs, and risks are managed effectively
- 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
- Command over Python and libraries, test frameworks for writing scripts to automate test scenarios and daily tasks
- Playing a key role in customer issue resolution, providing hotfixes, and contributing to product releases
- Working in Jira, Agile methodology, Kanban, and defect management

Veritas NetBackup (Aug'23 - Present)
- 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

- Pythons 1 and Pythons 2 by Mphasis Internal L&D Portal

ACHIEVEMENTS

- Won SPOT award in Ness Digital Engineering for valuable contribution in achieving project deliverables
- Recognized quarterly team award for making the product release on time which also brought a remarkable process efficiency within the organization

PERSONAL DETAILS

Date of Birth	:	30th Mar'97
Languages Known	:	Hindi, English, Odia & Marathi
Address	:	Pune, Maharashtra

Cognizant Technology Solutions, Pune, Maharashtra || Tech Lead || Apr'22 – Aug'22

Responsibilities:

Infrastructure as Code Development using Ansible

- Collaborated with software development teams to integrate infrastructure code into the software development lifecycle, ensuring seamless deployment and management of infrastructure resources
- Designed, developed, and maintained infrastructure code templates, scripts, and configurations
- Defined and enforced coding standards and best practices for infrastructure code

MPHASIS LTD., Pune, Maharashtra || Software Engineer Mar'19-Apr'22

Client: Hewlett Packard Enterprise (HPE)

Responsibilities:

HPC

- Contributed to the development and testing of the CT tool for new releases, ensuring the validity of the cluster as a whole and fixing anomalies in high-performance cluster setups
- Worked on high-performance cluster setup and AIOPS, including anomaly detection models and fixing anomalies
- Optimized HPC storage resources by enabling a hierarchical, tiered storage management architecture, resulting in improved storage efficiency and performance
- Verified regression issues and automated test cases using Python scripts for various scenarios
- Worked with the QA Team using TestRail for test case management and JIRA for work management

AIOPS

- Developed an anomalies detector model to identify unusual values from sensors placed on different cooling systems in a datacenter
- Trained the anomaly models using Python libraries such as Pandas, Numpy & Matplotlib
- Configured Docker as a container and set up a Kafka master/slave configuration for data processing.
- Kubernetes cluster administration, employing kubectl 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
- Employed TestRail for efficient management of test cases and utilized JIRA for work management
- 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