

**Harish Achar D N**  
819 Malhasa krupa  
Devanga pet, Kalikadevi road  
Davangere-577001  
+918892696887  
Harishvishwakarma.d.n@outlook.com

---

## PROFILE SUMMARY

---

- Working as software engineer at Mphasis India Pvt Ltd with **2+ years** of experience in **Windows, ESXi, Linux platform, Server hardware and automation in storage testing.**
- Worked **on python scripting, API testing and hardware performance testing.**
- Hands on experience with test automation using **python including Object oriented programming (OOPs).**
- Testing experience with the **Root Cause Analysis** in accordance with **SALT** (Stress and Load testing) and **SCALE testing.**
- Work exposure in technologies like **Virtualization, HP Enterprise class servers, Software defines storages/hyperconverged network (storage space direct, VMware VSAN), software defined datacenter (HP OneView) and HPE Storage in R&D labs.**
- Experience on storages concept like **RAID, SAN, DAS, NAS** and its protocols.
- Hands on experience on tools like **Hammer DB, IO meter, Jenkins (for automation) and JIRA (management).**
- Experience in creating **test plan and test cases and execution of test cases, reporting bugs and bug verification, test case scenarios, debugging and implementing tools using python.**
- Good knowledge on **SDLC and Agile.**
- Knowledge on **storage systems** and experience in creating **Virtual Volumes, creating Hosts and exporting Virtual Volumes** to host.
- Hands on experience with **cloud technologies (Microsoft Azure).**
- An **effective team player** with good communication, organizational and presentation skills

---

## SKILLS INVENTORY

---

- OS and Platform: **Windows, Linux (RHEL, CentOS), ESXi.**
- Programming Languages: **Python 2x and 3x.**
- Version Control Tools: **GitHub.**
- SSH tools: **Putty, WinSCP**
- Server management software: **Vcenter.**
- Web service: **Postman, REST API.**
- IDE: **Sublime editor, PyCharm.**
- Storage Protocols: **FC, FCoE and ISCSI.**
- Management tools: **JIRA, Rally.**
- Automation server: **Jenkins.**
- Automation Frameworks: **Customized Robot-framework (RoboGalaxy).**
- Server Hardware: **Dense Line, Modular Line, Blade Line and Synergy**
- Storage Hardware: **Store serv(3par), Nimble, Primera, Store virtual (VSA)**
- SAN Switches: **HPE (5900), BNA, FOS, and Cisco switches (MDS and Nexus)**

---

## EXPERIENCE

---

### **Project: HPE OneView (current)**

2019 Oct - Current

#### **Python automation engineer (QA)**

*Mphasis India Pvt Ltd*

- End-End functional testing of features and automation scripting.
- Performing SALT (stress and load testing) and finding issues.
- Test case execution and modifying test cases.
- Involved in Test Planning and Test estimation.
- Feature Spec Review, User Guide review and SPOC Review.
- Validating the array functionality features.
- Troubleshooting and resolving issues in test environment.
- Automating and improving the framework with enhanced logging, automating the switch side configurations.
- LUN validation and Zone validation.
- Worked on python modules Paramiko, Requests, Json, and standard Libraries (OS, re ...).
- RCA/Triaging: root cause analysis for failures for defect and report tracking.

### **Project: Small and medium business solutions (SMB)**

2018 sept – 2019 Oct

#### **Associate software Engineer**

*Mphasis India Pvt Ltd*

- Preparing Test bed setup according to specified hardware configuration.
- Creating RAID Array according to specified configuration and Installing operating system (Windows/Clear OS).
- Developing/ modifying the stand-alone scripts in python.
- Configuring and Validating Virtualization (Hyper-V and EXSi), DNS, DHCP, Database, S2D, Active directory and Backup and restore solutions with respect to OS/storage disks, performance testing given by the solution architect.
- Verifying the solutions by doing POC (Proof of concept) and documenting the same.
- POC on File sync, VM migration, DB Sync on Microsoft Azure.
- Closely working with development team in resolving the product defects
- Resolving the challenges/issue if faced.
- Extracting and preparing test reports.

---

## EDUCATION

---

### **GM institute of technology**

2012-2017

*Davangere, Karnataka*

- BE (Electronics and communication)
- 
-