

12+ years of experience in developing/testing enterprise applications in diverse domains like Banking & Finance, Equity Markets, Audio & Video, Network & Security, ETL applications, Data analysis. Have worked with software development/testing cycles at all stages for a fully integrated application delivery and sustenance.

Skills

- **Programming Languages:** Python, JavaScript, Java, shell scripting, SQL, Scala, C.
- **Test Automation Frameworks/Tools:** Cypress, ROBOT Framework, Test Complete, Gauge, Selenium, Cucumber, POSTMAN, TDD, BDD, POM, JMeter
- **Development Tools Used:** Eclipse, IntelliJ, PyCharm, Maven, GIT, SVN, perforce
- **Cloud Platform:** GCP cloud, AWS cloud, Docker, Kubernetes
- **BigData Platform:** Developed Test Automation Framework using python for Hadoop platform using Spark, Pyspark, and HIVE SQL.
- Working knowledge on **SQL and Databases** (Postgres, Oracle)
- **DevOps** can create CI/CD pipelines using Jenkins, UrbanCode
- **Virtualization Tools:** Virtual box, vCenter, Hypervisor Esxi
- Working knowledge on **Networking Protocols** used Network Tools/Testing using Wireshark, Fiddler, tcpdump
- **Software Development Methodologies:** Agile (Scrum), Waterfall
- **Test management tools:** Jira, etrack, cdets, Toro, Testlink, and ALM.

Work History

Jul'17
to
Present

Tata Consultancy Services (Leamington Spa, UK)

- Working with Nodejs, Postman API automation with JavaScript, BDD Cucumber, Junit5 & UI automation with Cypress, JavaScript (Client- Jaguar Land Rover)
- Developed Framework using TestComplete, python for desktop app automation. (Client- CPPIB)
- Created Automation framework on AWS cloud for ETL application. (Client- Lloyds Bank)
- Worked on Hadoop for Bigdata testing using PySpark, Hive, Spark, python, SQL for a ETL end to end automation & incorporated with DevOps pipeline using UrbanCode Deploy, Jenkins, and Nexus. (Client- Lloyds Bank)
- Test Automation -Dataflow & Apache Beam for on premise & Google Cloud using Docker, Google cloud Java API for Storage-Compute-Database, Gauge framework. (Client- Equifax)
- End to end, Functional testing in python for ETL application using cucumber, Selenium, GIT, java. (Client- Deutsche Bank)
- Other tools used: GIT, maven, Jira, ALM, ControlM, Eclipse IDE, PyCharm, IntelliJ.

Feb'17
to
Jul'17

Self-Employed | Freelancer | Pune | India

- Developed automation framework for Testing Replication & Migration application on Physical, Virtual & cloud-based resources.
- Tech Stack: Python, Splinter, PyCharm IDE, GIT, Lettuce, PyTest

Feb'16
to
Jan'17

Nuance Communications | Pune | India

Software Developer in Test

- Development for reports analysis & extraction of meaningful data from logs of different services.
- Automated testing of voice to text application, having end to end tests for different languages, in both Client & server-side.
- F5 Load balancer configuration/testing, HA failover/failback.
- Well experienced in Linux administration, configuration and maintenance, day to day usage.
- Tech Stack: Python, Audio libraries, NumPy, PyTest, PyCharm, GIT, Bash & Batch scripting, Jenkins, client & server-side automation

Aug'15
to
Feb'16

Symantec Corporation | Pune | India

Senior QA Engineer

- Automation using selenium web driver for frontend test cases.

Work History

Oct'11
To
May'15

Elinfochips ltd. | Ahmedabad | India

Software Engineer

- Creating automation framework from scratch with HTML reporter and email reporting.
- Tested web application in Virtualization (ESX, VMware).
- Test Automation of web applications on Endpoint security software, Network access devices, security endpoint clients (Switches, Firewalls).
- Implemented and worked on Active Directory, Certificate Server, VPN, and Remote access.
- Developing and providing patches in Java (backend), Adobe Flex (frontend), shell scripting.
- Resolving issues raised by customers in C source code, with C Scope, C Tags, make, perforce, VI, vim.
- Test Automation using iTest Spirent (Tool using TCL scripting).
- Creating automation Framework for frontend using Selenium, Java.
- Network testing L2/L3 protocols, VPN IPSEC, Remote access VPN client, SSL VPN and AAA.
- Failover configuration/testing on Firewall (Active/Standby & Active/Active).
- RTP/RTSP video streaming testing, performance& load testing of server pages using Jmeter.
- Deploying/Testing Network Services involving Proxy servers, DNS, DHCP, WOWZA streaming server, FTP, web servers.
- Troubleshoot memory leak and performance bottlenecks.

Trainee Engineer

- Application Development & training on board bring up and Android OS porting on OMAP4 (panda board) with Android Application Development with Ubuntu, C Scope, C Tags, Android.
- Cross-Compiled Android for Panda Board, building and porting kernel onto Board.

Sep'10
To
Sep'11

Acktron Security Systems Pvt. Ltd. | Ahmedabad | India

BMS Test Engineer

- Devise test strategies and create test cases for testing BMS devices and test planning for testing of controllers.
- Testing of Interface Modules for Card readers and Biometric Card readers, to external peripherals like CCTV, BIS, Security systems, Building Management System (BMS) devices, sensors connected to grid.

Education

Bachelor of Engineering 2010 (Electronics and Communication)

Veer Narmad South Gujarat University, Surat.

- AWS Developer associate certified
- Certified Tester Foundation Level from ISTQB.
- Blockchain with Hyperledger from edX.
- Python Developer from Lynda
- Jenkins CI from Lynda
- Certified embedded engineer from EITRA (elinfochips ltd)
- CCNA

Soft Skills

- Can adapt as per requirement & a Quick learner
- Strong problem-solving skills and ability to troubleshoot/debug issues.
- Good Leadership role, work Collaboratively & a Good Team player also.
- Critical Thinking, ownership & responsibility of tasks taken.