

# Manoj Kumar B S

Senior SDET

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## Skills

Areas of Interest	Tool design and development, Framework development, DevOps, API and UI Automation (Windows, Linux and MacOS).
Databases	MySQL, Oracle.
Programming Languages	Python, Perl, Shell Scripting
Tools and Technologies	AutoIT, Selenium, Ranorex Studio(1.5.1), Postman, ESXi servers,
Other tools/technologies	Git, Java, JavaScript, Docker, Jira, Bitbucket, Jenkins, Confluence, NodeJS.

## Experience:

### Senior SDET

Unify Technologies, Bengaluru (Client: IDFC First Bank)

05/2022 - Present

#### Achievements/Tasks:

- Developed automation test frameworks for different modules in Core Banking System like Current/Savings Account, Taxation, FD, etc.
- Worked on solutions to reduce the monthly automation runs time by half
- Contributed in development of tools for organize the automations run results to reduce the error analysis time
- Contributed in patch testing by developing automation scripts for testing multiple new features added in Core Banking System.

### Automation Engineer

UST Global, Bengaluru (Client: Dell)

04/2021 - 09/2021

#### Achievements/Tasks:

- Worked on Dell ThinOS functional test automation
- Contributed for updating the test framework with new modules for automation

### Software Engineer (QA, Automation)

Apttus Software Pvt. Ltd, Bengaluru

10/2019 - 09/2020

#### Achievements/Tasks:

- Created automation framework using Pytest(Python), Created test plane and Completed 100% automation with CI-CD.
- Performed API testing on AI-ML based product.
- Worked on Automation testing of Word Add-on on Mac Machine.
- Worked on N-1 sprint automation and complete 90%+ automation of sprint stories.

## Test Engineer

SonicWall Inc, Bengaluru

12/2015 - 10/2019

#### Achievements/Tasks:

- Design, code and maintain tools to help manual/automation testing and Develop/Maintain/Debug build verification testing for SMA1000 Product.
- Automate testcases using Python selenium and maintain old automation framework written using Ruby-Watir, Perl and Expect.
- Evaluate and identify new technologies for solving automation/manual testing issues.
- Work with Development team to resolve product issues discovered during test

#### Projects:

- **Tool for Monitoring health of Automation runs (Python):**
  - Developed a script to monitor Device Under Test (DUT) health/status in real-time.
  - Provided core dump alerts via email for immediate action
- **Tool for Testing basic functionality of SMA1000 (Python Selenium and AutoIT):**
  - Created a tool to test basic functionalities of Secure Mobile Access (SMA) on various OS-Browser combinations concurrently.
  - Implemented a Client-Server model with multithreading for efficient testing
- **VM deploy and configuration script (Python and Expect):**
  - Automated SMA1000 virtual appliance deployment on ESXi Hosts, eliminating manual efforts
  - Implemented a Client-Server model with multithreading for efficient testing
- **Tool to configure Automation testbeds (AutoIT and Python):**
  - Automated testbed configuration, including 3 VMs, for automation runs, removed manual efforts completely.

#### Education

Master of Computer Applications - MCA

2013-2016

NMAM Institute of Technology, Nitte.

#### Honor Awards

Key Contributor 2019

SonicWall Inc, Bengaluru.