Parth Shah
Senior Software Development Engineer

Summary

Automation framework development and enhancement professional in Python with total 11+ years of experience in streaming, networking-firewalls and security domain; reducing overall CI, automation run time from hours to minutes; and contributes in open source projects.

Experience

Akamai Technologies — July 2014 to Present

Senior Software Development Engineer in Test II

- Design of docker container automation strategy that has reduced hardware cost by 50%
- Involved in Automation framework development in python
- Implemented CI infrastructure with Ansible, Jenkins-DSL and introduced parallel run to reduce run time by 70% and this paved the way for 100% pass result
- Design and Development of Performance Test of the product
- Developed Automation framework for REST API product
- Development of tools/libraries that can be used across teams
- Working in Agile-Sprint to deliver feature quickly
- Mentor Team members

Senior Software Development Engineer in Test I

- Write Test-Plan of feature and automate it
- Responsible for Handling regression testbed

GlobalLogic — May 2013 to July 2014

Associate Consultant

Client – Juniper Networks

- UI Verification and Validation using Selenium-Perl
- Feature Automation i.e. – AAA, SNMP, Push Configuration
- Analyze feature requirement and setup test-bed accordingly

Cyberoam – Sophos — August 2010 to May 2013

Software Engineer

- Develop Framework in tcl-expect to validate console configuration of UTM product
- Design and Developed new automation framework and introduced parallel run that reduces run time by 70%
- Developed UI based load generator tool
- Automated test-cases for features i.e. Web-Filter, Application-Filter, Firewall, Anti-Virus, Anti-Spam, QoS, HTTP-Proxy, HA-Cluster
- Develop UI framework using SAHI to validate product

Personal Info

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www.candidinformation.com

LinkedIn

https://www.linkedin.com/in/parth-shah-41521462/

GitHub

https://github.com/contactparthshah

Skills

Python, Automation

Docker-Containerization

Linux, Bash Scripting

Ansible

TCP/IP, IPv4

HTTP, HTTPs, HLS

Nomus-Comm Systems   July 2008 to July 2010

R&D Engineer

- Involved in design and development of http-based configuration for SOHO router
- Involved in design and development of telnet-based configuration for SOHO router
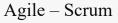- Tested MAC-Filter, IP-Filter features of the product

Education

Bachelor of Engineering in Electronics & Communications

G.H.Patel College of Engineering & Technology

GPA – 3.58 / 4

NAT, Telnet, SNMP

Perforce, Git

Agile – Scrum

Jenkins-DSL

SAHI, Selenium (Prior Experience)

Performance Tools

Vegeta, Locust, Iperf, Hping

Framework

Python unittest