

Job Title: ACCESS - R&D Automation Engineer

Location: Bangalore - India

Contract type: Permanent, full time.

Department: R&D

Duties and responsibilities

- Contribute in design, development, unit testing, review of code and bug fixing of features in a TCL- or Python-based test automation framework
- Contribute in maintaining the documentation of the test automation framework
- Contribute in programming and maintaining CI/CD tools, like Jenkins
- Contribute in the whole development cycle of standalone tools that help in making the feature testing of a layer-2/layer-3 device more efficient

Skills and profile

- Expertise in automation using TCL and Python, or another similar scripting language
- Experience in developing test automation frameworks, and/or APIs as part of this
- Experience with a revision control system (f.e. SubVersion)
- Good communication skills and ability to work with diverse (testing) teams is expected
- Hands-on experience with Linux and Linux-based tools for testing
- Basic knowledge of Ethernet, and TCP-UDP/IP networking protocols is required

Desired Skills

- Experience in shell scripting
- Experience in configuring / maintaining CI/CD tools, like Jenkins
- QA experience in routing / switching functionality
- Experience in automating test cases for routing/switching functionality is an asset
- Exposure and knowledge of traffic generators and analysis tools: Ixia, Wireshark etc.

Experience & Educational Qualifications:

B.Tech/B.E. in Computer Science / Electronics / Telecommunications or equivalent in a related discipline, and having relevant experience of 5 to 7 years with script programming.