

Senior QA Engineer - ONF

QA - SDET [automated test and continuous integration]

Primary focus: Development and Maintenance of automated test framework/tests for SEBA/VOLTHA projects and also support the toolchain for continuous integration of changes in the codebase.

Primary Responsibilities/Tasks include:

- Test/Automation
 - Develop tools and infrastructure to improve quality and efficiency of testing
 - Enhance and maintain automation framework
 - Build the testing framework to simulate end-to-end scenarios using various platforms and technologies
 - Build and maintain multi-system test environments and automated test suites
 - Design and develop tools and services that measure and maintain performance, reliability, resilience, and quality
- CI
 - Build and Manage CI jobs (e.g. Jenkins)
 - Debug tests and provide fixes
 - Create workflows/tools to support development activities
- Test lab
 - Design/build/manage multi-vendor hardware environment
 - Integrate hardware into CI and/or Test framework
- Community
 - Mentor and train community members on automation framework when required
 - Review test plans and test cases from community

Experience:

- BS or MS in Computer Science, Technology or Engineering.
- Experience in Robot Framework or similar automation frameworks
- Experience as a DevOps engineer
- Experience in developing and maintaining CI/CD processes while working in an Agile environment.
- Expertise with Python programming
- Expertise in automation framework development and maintenance
- Expertise with Jenkins (groovy scripting)
- Experience with Kubernetes/Dockers, Git, Gerrit.
- Good communication skills
- Knowledge in SDN and basic Networking concepts is required

Background:

- SDN

- Basic networking concepts
- Experience in dev-ops / testing teams (preferable on a project that interfaces with hardware)

About the Open Networking Foundation (<http://opennetworking.org>)

The Open Networking Foundation is in Menlo Park, CA. We are a non-profit operator led consortium driving transformation of network infrastructure and operator/supply chain business models. We are an open, collaborative, community of communities. The ONF serves as the umbrella for a number of projects building solutions by leveraging network disaggregation, white box economics, open source software and software defined standards to revolutionize the carrier industry.

We are building Open Source Tools and Platforms to accelerate the adoption of Software Defined Networking (SDN), Cloud infrastructures, Virtualization, and Network Functions Virtualization (NFV). We are an Open Source development organization with strong research, product and innovation background.

We are looking for people who are passionate about learning and who are open minded about the way cloud infrastructure and networks are built. We want people with a strong desire to implement their ideas and see those implementations used in real networks. Have you built and delivered products for commercial companies? Have you done applied research in cloud infrastructures and networks? Have you contributed to Open Source projects?

What is life like on a daily basis at ONF? We work closely with operators, partner engineers, and executives leading change in the networking industry. We develop with agile methods. We challenge each other, we brainstorm, we write code, we create new implementations that have real impact. We collaborate closely with commercial and academic organizations. We have fun and we make a difference.