

R&D SW Integration Engineer

Location : Heverlee, Belgium

Contract type : Permanent, full time

Department : R&D – MSAR Program

Purpose of the job

The test engineers are involved in firmware testing on the technologies developed in the MSAR division in Belgium: xDSL (ADSL, VDSL, SHDSL) and 3G/4G technology, gigabit routing and switching, Wi-Fi technologies, UTM (Universal Threat Management: e.g. IPSEC, firewall) and virtualization.

Direct job coaching is provided and you will gradually work more independently within the team (& take initiatives to improve problem solving)

Duties and responsibilities

The Software Integration Engineer will have the following missions and responsibilities:

- Guarantee the consistency and quality of the software produced, which runs on both physical products and in a virtualized environment, in a DevOps environment
- Develop whitebox Continuous Integration (CIT) Tests for immediate software changes in the network software operating system.
- Monitor the CIT Tests, analyse and report any failure.
- Ensure a relay between the test teams, developers and release team and assist in the reproduction and investigation of problems.
- Use past experience to bring the CIT Test framework to a next level.

Skills and profile

Having a Master Degree in Engineering or Software, you have 3 to 5 years experience in a similar position and you can demonstrate the following:

- Good communication skills, both verbal and written in English; verbal in Dutch & French is an advantage
- Significant expertise in data communication: routers, switches, networking equipment ... Proven knowledge of layers 2, 3 and 4 of the OSI model.
- Experience in Continuous Integration/Continuous Delivery and DevOps
- Experience in scripting and/or programming languages C, Python, C Shell, Linux OS. Python is mandatory.

- Knowledge of the following tools is a big asset: Jira, Jenkins, unit-test frameworks, Mercurial, Git, Phabricator ...
- Proven strong technical expertise & quick learner.
- Very analytical attitude
- Very good communication skills (with different types of people : project managers, development engineers, integrators, team leaders, architects, customers)
- Limited travels could be necessary (France, Belgium, India)
- Interest in an international environment with different cultures
- Proven ability to work well within a team
- Fluent in English, French/Dutch is an advantage