

R&D Software Development Engineer

Location : Sophia Antipolis, FRANCE

Contract type : Permanent, full time

Department : R&D

Purpose of the job

As the network industry is entering into a new age, with Software Defined Networking and Network Function Virtualization, OneAccess increasingly invests to maintain a leading role as a provider of SDN/NFV advanced networking software and equipment's.

The candidate will join our R&D department in Sophia-Antipolis, the French Telecom Valley, playing a key role in the design and development of our innovative next generation virtualization solutions as part of the Network Function Virtualization Program.

Duties and responsibilities

The R&D Software Engineer will have as main tasks and responsibilities:

- Passionate with advanced network and virtualization solutions, propose innovative solutions, mockups, and an urge to "take it to the next level"
- Engage with system and solutions architects in the design and shaping of innovative solutions
- Participate in the design, architecture definition, and technical specifications of new products or enhancements of existing products.
- Perform coding of new modules following the specifications
- Investigate, analyze, correct, and document reported defects to enhance the quality of our products and our knowledge data base.
- Create, document, and implement unit test plans, scrips, and test harnesses
- Create and maintain technical documentation to enrich the team's collective know-how

Skills and profile

Motivated software engineer, with a few years of experience, with system and network knowledge, you can demonstrate the following:

- **Software development experience: C, Python**
- **Operating Systems: knowledge of linux** (administration, development), kernel knowledge is a plus
- Knowledge of SDN/NFV is not necessarily expected but would be a plus.
- Virtualization : As a user or developer, hypervisors (KVM/QEMU, VMware), Cloud Management Platforms (Openstack, Cloudstack, Heat, ...),...
- SDN/NFV : Openflow, OpenNFV, Mano, ...
- Knowledge of IP networks: protocols, IP stack software development, (routing, security, wan optimization is a plus)

- System performance tuning knowledge
- Open source minded
- Good written and verbal communication skills in both French and English
- Autonomous, rigorous, and delivery-oriented with a commitment to quality and a thorough approach to the work
- Proven ability to work well within a team
- Potential and willingness for personal development and improvement

Proactive and organized, you are able to work in an international environment with cross-functional teams. While attractive compensations will take care of your every life, we believe you will be delighted by the atmosphere, the energy, the team-spirit, and the fun to work on products that will shape our future.