

## 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, Ekinops France 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 networking 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**
- **Knowledge of IP networks:** protocols, IP stack software development, (routing, security is a plus)
- Knowledge of virtualization or data path acceleration technologies would be a plus
  - Virtualization: As a user or developer, hypervisors (KVM/QEMU, VMware)...
  - DPDK, DPAA, ...: Processor solutions for data path acceleration
- Operating systems; knowledge of Linux (administration, development)

- System performance tuning knowledge
- Open source minded, experience of some linux distriBution
- 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 everyday 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.