

R&D – Java, Python - SDN Yang Engineer

Location: Lannion, France

Type of contract: Full-time permanent position

Department: R&D

Job Description

For nearly 20 years, Ekinops has been driving innovation in network systems' layers 1, 2 and 3. This means that we innovate and we supply the optical and business networking systems that enable your daily digital collaborations from core network fibers to enterprise routers.

Celestis is the software SDN solution of optical transport for Ekinops. It provides outstanding network automation, system intelligence and network operations that drive core networks for OTN and WDM fibers.

Celestis is seeking a stellar SDN engineer who, using Java and Python, will lead new initiatives in the network automation and SDN space. The candidate will be responsible to drive SDN initiative using Yang-based modern micro-services.

Responsibilities

Your responsibilities will be as follows:

- Develop creative and innovate Java-based and Python-based SDN engine
- Craft and develop beautiful and intuitive WEB UI components that hide the complexity of the underlying fiber-based (WDM, OTN) telecommunication technologies
- Write Linux-based software programs, together with unit, integration tests and user documentation
- Integrate components from open-source, Cisco NSO and our home-grown optical core engines
- Disseminate your knowledge to help increase the skills and expertise of the team in your areas of expertise.

Profile and skills

As a software Development engineer, you will have the following skills:

- Engineering or Master's degree in Computer Science, Computer Engineering or related technical discipline
- Proficient with Java, Maven, Python, PIP, Linux environments
- Experience of Typescript/Javascript, HTML, CSS
- Good understanding of HTTP/REST, Web Security, SDN, Netconf,



concepts on Linux environments

- Good understanding of PostgreSQL, MySQL or MariaDB databases
- Having a networking background with Telecom NOCs or MPLS related technologies would be a plus; abilities to understand Yang-based network modeling from IETF or other standardization bodies
- Excellent communication (oral, written), fluent in English
- Demonstrated ability to work with multiple/distributed teams.

To apply email us: hr@ekinops.com