



## Data Engineer

France - La Garenne Colombes (92)

### About Us

[[www.efficientip.com](http://www.efficientip.com)]

EfficientIP is a fast-growing network automation and security company, specializing in DDI (DNS, DHCP, IP Address Management). Our Smart DDI approach offers enterprises and service providers a unique appliance-based solution to intelligently simplify and automate design, deployment and management of their critical network infrastructure. Through patented technology, our 360° solution suite secures DNS services to safeguard sensitive data and ensure application access. Companies in all sectors rely on our offerings to face the challenges of key IT initiatives such as cloud, IoT, 5G, and mobility.

EfficientIP hardware and software solutions are developed to facilitate DDI management into a fully integrated solution. SOLIDserver™ centralizes all information from the IP plan and DNS and DHCP servers in one single interface, allowing our customers to manage their network services as a single entity, ensuring high availability, security and network consistency.

EfficientIP has been innovating for 6 years in DNS query processing with a high performance server capable of resolving over 20 million domain names in one second.

### Job Description

To enrich this cybersecurity offer, EfficientIP is building its cyber data lake, which groups together a set of indicators on the status and history of data from the Internet (DNS, IP, Whois, certificates, etc.). The challenge of the large volume of data (130 billion lines for DNS for example) and the frequent updating of this information flow, requires expertise in data management to ensure that it is made available to the various threat detection applications in a simple, efficient, reliable and secure manner.

You must master the data storage systems of object type, structured and unstructured database.

You will design, implement and maintain this data lake for the R&D team.

Development projects: PassiveDNS, WhoisHistory, WebSites Classification

### Experience and Skills

We are looking for a passionate data engineer with a strong technical background : multi-techno, operational, autonomous and capable of defining a software architecture.

Experience or skills in the following technical area is required:

- 5 years of experience
- Fluent in French and English

## Technical stack :

- SQL
- PostgreSQL
- Python
- Hadoop
- MongoDB
- Redis
- Elastic search
- Air Flow/Jenkins

## What We Offer

We offer a great opportunity to grow with our company, in a rapidly advancing and strongly innovative environment.

At EfficientIP, we fully believe in congeniality in the workplace and in our relationships with our customers, partners and colleagues. We ensure a positive work environment that is encouraging, enthusiastic and motivating to our team. This approach breaks down barriers in order to stimulate our company's ambition of constant overachievement.

You will be part of a fun & ambitious team!

**To apply, please send your cv and cover letter to: [careers@efficientip.com](mailto:careers@efficientip.com)**