

Python Software / Data Engineer

We are seeking an experienced Python software & data engineer to make a difference in a rapidly progressing prop-tech startup. BlockDox provides insights for building and transport management to reduce energy use and improve productivity in a diverse range of client projects in the UK and worldwide.

The successful candidate will be a self-starter who wants to pioneer new technology for smart cities and smart transport verticals. We have a friendly and international team of highly skilled engineers and scientists based in one of London's top tech hubs.

Essential Skills and Experience:

- 4+ years as a Software Engineer or Data Engineer
- 2+ years using Python
- Comfortable with Linux & command line
- Cloud services
- RESTful APIs
- SQL
- Git
- Working knowledge of networks and device configuration

Advantageous skills and experience:

- Science/Maths degree (MSc/PhD even better)
- Agile
- IoT (Networking, MQTT, Monitoring)
- Building Management Systems
- Flask
- Postgres
- NoSQL (MongoDB)
- DevOps (IoT, Azure, AWS, Docker, Terraform)
- Front end dev (Typescript, Angular, Redux, D3)
- Data visualization (Grafana, Vega)
- Stats, Data science, Machine Learning

We are looking for someone with:

- Strong computer science and software engineering fundamentals
- Passion for writing testable, clean, modular, well-commented, readable and reusable code
- Willingness to adapt to fast changing priorities and learn new skills in a dynamic startup environment
- Desire to contribute to product roadmap and technology choices

- Open and respectful attitude to collaboration and knowledge-sharing in a cross-disciplinary team of experienced engineers and scientists
- As a technologist in an IoT startup you will also be expected to be hands-on with the hardware, comfortable on the command-line in embedded Linux and happy to travel to site installations to configure devices, routing and networking when required.

Why work with us?

We are a talented and experienced team of engineers and data scientists, who are passionate about solving the biggest problems facing smart cities and urban mobility today.

Everyone is fully engaged in product development and future roadmap, from introducing new hardware, to improving processes, architecting our infrastructure, agreeing planning priorities. We're a highly motivated team that have already won several awards together and are now looking to disrupt our market and scale globally.

You will be part of a team of expert engineers and scientists responsible for developing our IoT data pipeline and analytics products. This includes acquiring data from IoT devices and storing in cloud hosted databases, developing transformation and aggregation services, and making the datasets available to the front-end via APIs.

Work in the tech team at BlockDox is stimulating and diverse, one day you will be configuring an air quality sensor on a Lora network on a client site, the next day implementing an ETL lambda function in Azure, the next day adding a Flask API function to serve a Vega visualization with data from Timescale DB data.

As a start-up we can engage in rapid R&D and try out new ideas live very rapidly. If you have an interest in mathematical modelling, statistics, or scientific research in general you will find BlockDox a stimulating environment.

Our Offices:

- We are based in Europe's largest technology hub with lots of like-minded companies nearby
- We have our own private offices
- Close to many shops, restaurants, bars, cinemas, a green space, and exercising areas
- Great transport links
- Spectacular views over London

Benefits:

- Flexible Working
- Free tea, coffee, and various soft drinks
- Free freshly baked cookies and treats everyday
- Monthly meet ups - free food and drinks - beer, wine etc.
- Opportunity to socialise with like-minded people in the tech industries
- Onsite cafe, open-plan working spaces
- Table tennis room and chill out area

Contact:

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