

Internet-of-Things engineer

We've laid the foundations. Now it's time to build.

We are an award winning smart building start-up with patented tech looking to disrupt our market and scale globally.

We now have an amazing opportunity for a talented and experienced IoT engineer and technology generalist to make a difference in a rapidly progressing business. BlockDox is a data insights engine for building owners and managers. Our core product, called AireVu, helps organisations manage and exceed their sustainability goals, reduce operational wastage, tackle air quality and improve space utilisation. We have been deployed across a diverse range of customer sites in the UK and worldwide.

The successful candidate will be a self-starter with a go-to attitude, plenty of initiative and a strong desire to pioneer new technology in construction and building operations. We are looking for a careful and methodical engineer committed to ensuring reliability, security and performance for customers and in R&D. Excellent problem solving abilities are also important in the role. We are a fully remote, friendly, and international team of highly skilled engineers and scientists.

Key Skills and Experience:

- 2+ years as an engineer working with IoT devices and software
- Device configuration
- Networking
- MQTT
- Linux & command line
- RESTful APIs

Desirable skills and experience:

- Occupancy and/or Air Quality Sensors
- IoT in the built environment
- Understanding of building systems including HVAC, Access Control, BIM
- Low power radio networking especially LoRaWAN
- NodeRed
- Grafana
- Monitoring
- Time series data storage and analysis
- Scripting in Javascript and/or Python
- STEM degree
- Software engineering (Git, Agile, SQL)
- DevOps (IoT, Azure, AWS, Docker, Terraform)
- Data engineering (ETL, pipelines)

- Stats, Data science, Machine Learning, Probabilistic programming (scipy, numpy, pytorch)
- Building management systems and protocols

We are looking for someone with:

- Fluent English who can work the core hours of 10.00-16.00 BST
- You will also be expected to be hands-on with the hardware, be comfortable remote configuring on the command-line in embedded Linux, and be happy to travel to site installations to install and commission devices, and configure routing and networking when required
- 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

Why work with us?

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

You will be joining early in the development of a ground-breaking suite of proptech products and services underpinned by artificial intelligence, with the opportunity to be highly influential in the roadmap and progress to mentoring and management as the company grows.

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 unboxing and testing a new LIDAR sensor, the next day installing it and configuring it in a test site, the following day providing initial data and analysis to the team.

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 IoT, smart cities, app development and UX, artificial intelligence, and scientific research in general you will find BlockDox a stimulating environment.

Benefits:

- Fully remote with optional occasional meetings in Central London and client sites in the UK and worldwide
- Flexible Working

Salary is negotiable, dependent on experience.

If you are looking for a new, exciting challenge where you can put your skills and experience to the test and help build one of the most exciting IoT businesses of a generation, get in touch.

Please include a full CV when replying.

Contact:

talent@blockdox.com