

## **Full Job Description: Python backend developer**

### **Job Summary**

The job entails working with a small team of like mind highly skilled engineers to develop our Kubernetes based REST API (FastAPI), SQLAlchemy and PostgreSQL services and data platform which sits at the central core of our product. It's in an early stage of development, so we're looking for people who are used to / comfortable joining a start-up early and bringing their own ideas and flare to a growing team.

Our primary coding languages are Python, NodeJS, Angular and React. Currently our tech stack includes AWS, Terraform, Docker, Kubernetes, PostgreSQL and Linux.

### **Job Responsibilities**

#### **Planning**

- Work closely with CTO, TPM, Programme Manager and other developers.

#### **Development**

- Author, update, and debug API microservices.
- Contribute to API design and architecture.
- Write comprehensive unit and end-to-end tests.
- Write documentation for API and other backend processes that meet developer needs and rigorous security standards.
- Diagnose and mitigate performance issues.
- Write code to automate data updates and streamline data management.
- Participate in reviewing peers' code.

#### **Job Requirements**

- Minimum of 2 to 5 years of relevant, full-time work experience.
- Previous software architect experience a bonus.
- Experience working in a highly secured environment e.g. FinTech, RegTech, high value e-commerce, etc.
- Eagerness to quickly learn new technologies, architectures, and best practices.
- Tireless problem-solver; motivated to contribute to solving today's most pressing environmental and/or international development problems.
- High proficiency in English.