

## Backend Engineer

100% Remote Worldwide

Full-time

**To apply** for this position please send your CV to [recruitment@nUNET.io](mailto:recruitment@nUNET.io) with the job title as the subject line.

## The Company

NuNet, a spinoff of SingularityNet is a framework for shared and globally distributed computing. NuNet platform is designed to be an extremely flexible network, encompassing mobile consumer devices, edge computing and IoT devices alongside PCs, servers and data centers, allowing seamless interoperability among its components and intelligent automation of workflow design. NuNet leverages Web3 technologies, serverless container execution, service mesh orchestration, crypto-economy and more, toward creation of the decentralized “world computer”.

For more information about NuNet see:

- Webpage at <https://nUNET.io>
- Whitepaper at [https://nUNET-io.github.io/public/NuNet\\_Whitepaper\\_2.0.pdf](https://nUNET-io.github.io/public/NuNet_Whitepaper_2.0.pdf)
- Current roadmap at <https://nUNET.io/roadmap/>

## Job Description

NuNet is looking to hire a Backend Engineer to join its development team. As a member of the team, you will be working closely with the developers, focusing on the entire NuNet platform development and testing of the platform, implementing new features, fixing bugs and writing tests.

As NuNet is a startup with an exciting journey ahead, your contributions will have a great impact on the future of the company and you would be able to grow alongside it.

## Responsibilities

As a Backend Engineer, you will be responsible for the backend of the NuNet platform which is currently built with the Python programming language. Tasks involve, a global API on platform status, automated orchestration of deployments, desktop application backend etc. You will be responsible for contributing to system designs and writing elegant and quality code for performance, maintainability and reusability.

Your duties will include:

- Fully understanding the goal of NuNet and contributing to the technical design of backend systems and APIs
- Implementing new features
- Fixing bugs as they are discovered and reported by users, team members or yourself
- Writing test scripts to ensure required functionality is correctly implemented
- Collaborating with other team members for shared goals
- Engaging with community developers
- Keeping the related technical documentation up to date

## Requirements

- At least 4 years of experience working on backend systems including APIs or database systems
- Proficient in Python, polyglot experience with other programming languages (C, C++, Go, Javascript, Java, Rust) is an advantage;

- Experience with virtualization, process containerization and orchestration frameworks (such as Docker)
- Expert knowledge of Python frameworks such as Django
- Expert knowledge of communication protocols such as GRPC
- Expert knowledge of multi-process and multi-threaded architectures
- Experience with data management with multiple sources
- Experience with software testing tools
- Experience with CI/CD tools and practices
- Deep knowledge of design and architectural patterns
- Experience with API design is an advantage;
- Solution Focused
- Excellent communication skills and ability to work as part of a team or independently as required
- Fluent English
- Data driven decision making

## **Benefits**

- Flexible schedule
- Remote work – ability to work from anywhere (as long as local legal requirements are met).
- Work with a multicultural team