

# Job Description – Server Developer

## Reports to

Server Team Leader

## Location

Newbury

## The Role

PassivSystems is a one of the UK's leading cleantech companies, based in Newbury, focused on delivering innovative software solutions within the heating and renewable energy sector.

As a technology company we lead our sector in delivering innovative machine learning based solutions to energy optimisation in district heat and smart grid applications. As a result of some large contract wins we are looking to expand our team.

Using an agile Kanban development approach, we deliver frequently and have a focus on test automation and continuous delivery.

We are looking for an exceptional developer to join our small, highly motivated team of developers delivering a scalable backend services platform.

## Key Responsibilities

- Analyzing, designing and coding of core elements of the system to an exemplary standard
- Taking technical ownership of key areas of functionality
- Working with customers and partners to ensure smooth integration with their services

## Candidate Profile

The right candidate will be highly ambitious for success and have a strong mix of hands-on coding skills, good experience of web architectures and great communications skills.

## Essential Skills and Experience

- Very high quality OO design and development skills
- Strong experience in Java or Scala development in large complex systems
- Good academic qualifications with a numerate degree
- Excellent communication skills
- Good knowledge of enterprise architecture
- Server side development experience on Linux with good knowledge of how to get effective use out of open source toolsets and frameworks
- Has worked in small highly effective teams to successfully over-deliver on expectations

- Has a passion for quality

## **Desirable Skills and Experience**

Knowledge of one or more of the following

- Typesafe/Lightbend stack (Play, Akka...)
- Spring/OSGi
- Relational and NoSQL Databases
- Web UI and App development (Bootstrap, Cordova)
- Cloud deployment architectures
- Secure and Scalable Microservices
- IoT

Believes in agile software development and has used it effectively