

## Job Specification: Software Engineer

### The Company

WiFi SPARK specialises in delivering market leading, managed Guest and Visitor WiFi services to public locations and businesses throughout the United Kingdom.

Founded in 2003, WiFi SPARK is the designer and owner of the SPARK<sup>®</sup> platform, which is recognised as a leading authentication, billing and service delivery platform.

As a company, we install, commission, maintain and operate a rapidly growing WiFi network with our SSID being broadcast over 100,000 radio access points and attracting over 300 million subscriber sessions per year.

With over a decade of experience, we have developed our own products to become the most flexible, feature rich and scalable solution on the market today.

Our portfolio includes clients such as Foreign & Commonwealth Office, The National Portrait Gallery, Kings College Hospital, NEC Birmingham, Queen Elizabeth Olympic Park, Royal Museums Greenwich, Oxford University and many others.

We now need to extend our development team to cater for growing demand and develop our next generation of our products and services. If you're an experienced software developer with a demonstrable passion for developing products with code then read on...

### The Role

WiFi SPARK is looking for a dynamic and capable individual to join our software development team. Based in Exeter, Devon, the successful candidate will be joining a highly capable software engineering team with a broad spectrum of capabilities. Our development process uses the scrum style agile development methodology.

The role encompasses database application and middleware development including front end user interface development. You will be working with Python, PHP, HTML, CSS and Javascript in a full stack capacity.

## Skill Set

You will be an experienced web application developer with good networking and Linux experience. You will demonstrate the following skills and attributes:

### **Essential:**

- Sound knowledge of Web Development technologies - PHP, MySQL, HTML, CSS, JavaScript, JQuery, OOP, Python, REST, JSON
- Experience with Git source control
- Experience using Ubuntu Desktop Linux, and Eclipse IDE
- An advocate for Agile, CI and TDD techniques
- Excellent Problem Solving abilities
- Quick learner, passionate about Software Development
- A supportive team-player

### **Desirable:**

- Strong Computer Science or Mathematical degree from reputable University
- Good Understanding of Relational Databases
- Experience of with web frameworks, Phalcon, Code Igniter, Django
- Understanding of geometry tooling such as GIS, in-particular QGIS
- Experience of JSON & GeoJSON data sets
- Knowledge of RADIUS protocol and use
- Experience of developing and deploying in the Amazon Web Services platform
- Some understanding of Layer-2 and Layer-3 Networking
- Some C / C++ experience and experience working with the Linux kernel

## Our contribution

You will enter on a 6-month probation period and on successful completion you will be eligible for the following additional benefits:

- + Annual profit-related bonus
- + Company pension scheme
- + Family Healthcare package
- + Gym membership

Above all we will offer you the chance to work in a vibrant and exciting company that is undergoing a period of rapid growth and success. Our culture is one that supports and encourages our employees, we like challenges and work hard to deliver excellent results for our customers. Everyone is respected, acts professionally and is recognised for their input. We also aim to have fun and enjoy our work.

We use these phrases to describe our Company Culture: Excellence of Service; Consistency & Accuracy; Knowledge Sharing; Commitment; Adaptability; Supporting & Communicating; Continuous Improvement This is what we all value at WiFi SPARK: Honesty; Respect; Professionalism; Loyalty; Positivity; Welfare; Fun; Opportunity.

## **Next steps**

For details on how to apply, please send your CV to [rtimmis@wifispark.com](mailto:rtimmis@wifispark.com)