



**Job Title: Backend Software Engineer, Telecoms**

**Job Type: Permanent, Full Time**

**Salary: £45,000 - £65,000 per year, negotiable**

**Location: Greater Manchester Office, plus remote working**

### **Requirements**

We are seeking a self-motivated, enthusiastic backend Software Engineer with Telecommunications experience to join our growing development team, where you will work on new and existing telephone and video interpreting services to be delivered by our award-winning platform. As an experienced telecoms engineer, you will be applying your experience of open source VoIP and Asterisk, administering Linux servers and applying your SIP, PSTN knowledge. Your skills in developing and debugging in C/C++, along with development and scripting technologies such as Python and PHP, will be used to help create and maintain our complex and sophisticated telephony systems.

Applicants that can demonstrate their ability to work with agile development methodologies and tools such as JIRA and testing frameworks, such as PHPUnit, Pytest, tox will be highly suited for this role.

### **About you**

- You have the ability to manage time effectively in a fast paced environment
- You're a senior-level developer with at least 3 years relevant, full-time experience developing, maintaining, and troubleshooting telephony, video applications and web systems at the server level
- You excel at designing, developing and implementing new features as well as building new and re-architecting current systems to bring them in-line with new technologies
- You are enthusiastic and enjoy working collaboratively in an agile environment with a desire to learn and expand your knowledge and experience
- You're an advocate of automated and manual rigid testing and code reviewing, and welcome feedback on your code as well as giving others the benefit of your knowledge and experience via mentoring or pair programming
- You understand the principles of secure development lifecycle and have a solid understanding of source control systems and how CI/CD works in an organisation
- You have excellent communication skills including fluent spoken and written
- You follow and are excited by emerging technologies and trends in the telecommunications industry
- If you are bilingual or understand the issues of language interpretation in the real world, this would be of value

### **Your Responsibilities**

- Help maintain and troubleshoot the core telephony & web systems that run the InterpreterLine & MeetnTalk platforms for our customers across the world.

- Translate new features, requirements and designs into high-quality secure code.
- Keep abreast of the latest security vulnerabilities, and develop with security in mind
- Implement a rigid testing regime for our telephony systems as the baseline for new & existing systems in the company (both automated and manual)
- Build new & re-architect current code into reusable libraries for future use
- Supporting our customers with issues and future feature development they require
- Provide training of our products to internal staff members and customers
- Work within the agile team and participate fully in all team meetings, sharing knowledge with the team and wider department
- Participate in peer code reviews, both as reviewer and reviewee
- Demonstrate a willingness and motivation to learn and undertake self-initiated training

### **Skills you will bring to this role**

- Proven experience (3+ years) in developing & debugging in C/C++
- Proven experience (2+years) in the Telecoms market, especially with SIP, PSTN and VoIP
- Proven experience with Asterisk (1 - 2 years minimum)
- Proven experience (2+ years) in at least backend web development & scripting technologies (Python & PHP a plus)
- Good knowledge of utilising SCM & CI/CD tools such as Git, Github Actions, Gitlab Pipelines
- In depth knowledge of Testing frameworks, such as PHPUnit, Pytest, tox
- Familiarity with agile development methodologies and tools such as JIRA
- Can effectively manage time in a fast paced environment
- Ability to administer Linux servers

### **We would love it if you also had experience with....**

- The Language Services Industry
- App based development
- Video based applications

### **Benefits**

Alongside a competitive salary, we offer the following:

- Paid holiday entitlement of 33 days inclusive of public/bank holidays
- Use of a new Company owned MacBook Pro and large screen
- Contributory Pension scheme (following completion of probationary period)
- SIM card for use in your mobile phone (subject to role requirements)
- Work from home, with flexible working options if required
- Potential training opportunities for personal development

Note that some benefits are non-contractual and provided at the Company's discretion

Contact: Miton Systems Limited, Sue Quelch, email: [sueq@miton.co.uk](mailto:sueq@miton.co.uk)

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