



SPARK TECHNOLOGY FRANCE

## **Job Description: Embedded Developer**

We are seeking an experienced and skilled Embedded Developer to join our team at iQsim. As an Embedded Developer, you will contribute to the development of our virtual SIM solution and network gateway. Your expertise will be crucial in designing, developing, and implementing embedded software solutions in a Linux environment.

### **Responsibilities:**

- Design, code, test, and debug embedded software applications for our virtual SIM solution and network gateway.
- Collaborate with cross-functional teams to define software requirements and specifications specific to our products.
- Develop software architecture and design documentation tailored to our virtual SIM solution and network gateway.
- Implement and integrate software components on our embedded systems, ensuring seamless hardware and software integration.
- Proactively troubleshoot and resolve software defects and issues, maintaining high levels of quality and reliability.
- Optimize software performance for our solution, ensuring efficient resource utilization.
- Actively participate in code reviews and provide constructive feedback to improve the quality and robustness of our embedded software.
- Conduct rigorous unit testing and thoroughly verify the functionality and compatibility of our solution with various network environments and configurations.

- Stay up to date with the latest industry trends and emerging technologies in embedded software development.

**Requirements:**

- Bachelor's or Master's degree in Computer Science, Electrical Engineering, or a related field.
- Proven experience as an Embedded Developer or similar role, preferably in the field of virtual SIM solutions and network gateways.
- Excellent proficiency in C, C++, and scripting languages (Shell scripting).
- Strong understanding of Linux operating systems and significant experience in developing software for Linux-based embedded systems.
- In-depth knowledge of network VPN technologies and protocols.
- Experience in the development of telecom applications and protocols would be a significant advantage.
- Solid understanding of software development principles, methodologies, and best practices for embedded systems.
- Proficiency in software debugging tools and techniques.
- Ability to work independently and collaboratively in a team, demonstrating strong problem-solving and analytical skills.
- Excellent verbal and written communication skills.

Joining iQsim is an exciting opportunity to contribute to the development of our virtual SIM solution and network gateway, revolutionizing the field of communications. If you are a motivated professional with a passion for embedded development and have a strong background in C, C++, Linux, networking, and telecommunications, we highly encourage you to apply.

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