

# Role: Slock.it - Software Engineer

**Company:** Slock.it (<http://slock.it>)

**Type:** Permanent

**Location:** Mittweida, Germany

**Travel:** Some (5%)

**Salary:** competitive + option pool equity

**Work hours:** Standard

**Start Date:** ASAP

## Summary:

Slock.it is a fast-growing German Blockchain startup in a rare and unique position to be able to scale rapidly. It requires a flexible Software Engineer to develop a series of software products that integrates with IoT platforms and assets such as Samsung Smart Things, Google Android Things, Wink, Insteon, etc... For an example of our applications, please check out <https://shareandcharge.com/>, an innovative way for users to share and recoup the investment cost of their electric vehicle charging stations.

We are looking for a talented individual with a proven track record in Software Development, with a keen focus on deploying stable, mission critical systems.

Your primary focus will be to help with the development and integration of our technology, including but not limited to our Open API to an underlying blockchain infrastructure consisting of an Ethereum+IPFS+Middleware+RDBMS+React Native stack. It is absolutely critical that the resulting applications be easy to use, accessible and stable. You will work in a team with blockchain and frontend developers led by our CTO, and you may have to work embedded in third party team at our client sites.

There is extensive room to grow with this role, and the position is not limited to internal delivery as we also intend to help onboard some of our partners and clients, in particular IoT device and smart home hub manufacturers.

## **Responsibilities:**

- Generating the high level of software requirements, based on our users' needs and other constraints including cost and schedule - and ensuring that this set of high level requirements is consistent, complete, correct, and operationally defined.
- Design, build, and maintain efficient, reusable, and reliable code
- Implement a performant and quality API to our underlying blockchain solution from a multitude of 3rd party solutions
- Identify bottlenecks and bugs, and devise solutions to these problems
- Help maintain code quality, organization, and automatization
- Performing cost–benefit analyses to determine the best methods or approaches for meeting the hardware requirements; making maximum use of commercial off-the-shelf or already developed components.
- Liaise with 3rd party software development teams to insure hardware and software synergies - leading to specs optimization.
- Generating a set of acceptance test requirements, together with the designers, test engineers, and the user, which will determine that all of the hardware and system requirements have been met
- Carry out special tasks at Management's direction

## **Qualifications**

A degree in Computer Science, a related field or extensive equivalent practical experience is required.

We will also expect a proven track record demonstrating:

- Strong proficiency in at least two languages (C, C++, Rust, Java, etc), with fairly complete knowledge of the language specification
- Proficiency as well as experience with higher level languages such as Node.js, Python, Go, etc in the context of API development
- Proven success record of close teaming with other functions including development, marketing and operations
- Proficient understanding of code versioning tools, familiarity with continuous integration
- Excellent written and oral communication skills - fluency in English is a plus

"Good to have" would include:

- Embedded Device Software Development Experience

- Low-level Linux (Arch, Ubuntu Core) knowledge
- Experience with Blockchains, in particular, Ethereum
- Hands on experience with Blockchain clients, specifically Parity

### **What to expect:**

- You will be an integral part of a proven, successful team that has garnered extensive attention in the IT sector, especially in Germany
- You will be part of a very rapidly growing team. We cannot think of a better opportunity if you enjoy being part of the excitement that accompanies such growth
- Everyone at Slock.it wears multiple hats - this can be challenging for candidates that come from a large corporate background where staff are assigned single tasks
- Overall, your goal will be to work to build the Slock.it application ecosystem overall - you'll need to be ready to stay flexible as goals are certain to change as the company evolves
- The team will not be large at first, as we are growing the company. You need to be comfortable initially working in a growing environment starting with limited resources.

### **Applying for the role**

We are result driven and expect you to demonstrate your experience as part of your application. CVs alone will *not* be considered.

Please provide an overall explanation as to why you will be a good candidate for the role. This should be at least the length of half an A4 page.

Please provide any supporting documents that would help us gauge your qualification. This could also include documents you have written, recommendations from previous employers, etc. Be creative - but we do expect a *proven* track record.

### **About Slock.it**

Slock.it is an innovative, award winning, privately funded German startup at the intersection of the IoT and blockchain. Slock.it core offering, the USN ("Universal Sharing Network") explores how blockchain embedded in connected cars, locks, homes, offices, white goods, etc. could

revolutionize the emerging Sharing Economy infrastructure by enabling anyone to rent, sell or share their assets without middleman.

Slock.it's technology also reduces its clients operating costs thanks to simplified billing, disintermediating payment providers while enabling fraud-proof accounting. We help replace corporate data silos and fragile data workflows with secure coordination around a shared, secure blockchain state.

In the corporate space, we help energy producers address decentralization or risk being disintermediated. We also work with forward-thinking automotive manufacturers that understand the importance of exploring the service industry, including managing autonomous fleets of self-driving vehicles or providing white goods / unused assets as a service.

Slock.it is already collaborating with both startups and established companies and has a proven track record demonstrating its capability to deliver on ambitious projects, including <https://shareandcharge.com/en/>, the first live blockchain + IoT development at scale.

Slock.it is headquartered in Mittweida, Germany and works with clients globally.