



**Senior Software Engineer.** Cambridge, UK. Cloud (Azure)

As a key member of the engineering team this Senior Software Engineer will make a significant contribution to setting the technical direction of the company's products and bringing high quality solutions to market.

This position focuses on the cloud back-end which is responsible for the high scale, highly available data management components of the JitsuIn system, hosted in Azure.

### Key responsibilities

- Implementation of the JitsuIn cloud SaaS
- Contributing to the software architecture
- Producing elegantly structured, secure, efficient, scalable, reliable code

### Skills

The Senior Software Engineer will possess two or more essential, and a desire to learn others, from;

- Distributed microservices architectures
  - Kubernetes
  - Service mesh (Istio)
- Software design and development
  - Linux based SaaS
  - Golang microservice development
  - REST / gRPC APIs
- Azure PaaS
  - Authentication & authorisation
  - Data storage methodologies and APIs
- DevOps, test automation and deployment

### Nice to have

- IoT stack experience
- Application level security concepts

### Required experience

- 3 years + in design and development of cloud services
- Track record of delivering high quality software in an Agile development process
- Demonstrable experience of cloud service development from conception to successful deployment

### Qualifications

Bachelor's degree in Computer science or related discipline; post graduate degree preferred.

### Desired attributes

- Proactive - Develops practical solutions, takes ownership, and has a 'can do' approach
- Technically Curious – Regards technology problems as challenges
- Teamwork – Engaged with the business, communicates openly, shares information and knowledge, networks internally and externally, persuades rather than pushes, involves and respects colleagues
- Creative – Connects the technical dots with a goal of building customer value
- Responsive - Always reacts quickly and with a sense of urgency in a timely and flexible fashion

## **Company Summary**

Internet connected Things need maintenance to produce clean and reliable data for enterprise. Our vision is to align everyone in the value chain for safe, efficient and sustainable Internet of Things that create truthful data for man or machine to act with assured intelligence.

Jitsuin was founded by industry veterans with expertise in silicon chip security architecture, secure software development, cryptography and device manufacturing. The team applies blockchain technology to shared device lifecycle management as a foundation for truthful data, which enables autonomous smart contracts and open data markets to realize the true value of IoT.

Jitsuin means Truth in Things.

## **The problems we're solving**

The Internet of Things has a problem with data silos – it's difficult for data to move across domains. The new data economy can only exist when all the devices producing the data are trusted to be safe and secure throughout their entire lifetime.

Jitsuin shared device lifecycle assurance is the crucial ingredient for sustainable industrial automation and connected living at scale.

