JITSUIN

Software Engineer - Cloud (Azure) Cambridge, UK.

As a key member of the engineering team this 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 assurance 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 Software Engineer will possess two or more essential, and a desire to learn others, from:
- Distributed microservices architectures
    - Kubernetes with service mesh (Istio)
    - Authentication & Authorisation
        - OpenID Connect / OAuth 2
- Software design and development
    - Linux container-based SaaS
    - Golang microservice development
    - Message bus architectures
    - NoSQL database schemas
    - REST / gRPC APIs
    - Python / bash scripting
- Azure PaaS
    - Azure Active Directory
    - Cosmos (mongo)
    - Service Bus

Nice to have
- Application level security concepts
- Robot test framework

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

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 Description

Jitsuin creates mutual assured data sharing solutions for enterprises. Archivist ensures the right people have what they need to know and no more, while giving full traceability of data sources that feed critical decisions and proves who did what to any critical asset, each of which builds trust in digital operations.

Archivist is a mutual assured data sharing platform hosted on Azure cloud infrastructure, powered by blockchain, accessible through APIs and administered by UI that boosts control, assurance and accountability for businesses that share critical asset information. It enables data users to make faster, better business decisions with verified trust in external data. Easy access enables trusted data sharing between all stakeholders involved in asset management and supply chains. Compliance is streamlined with a permanent, tamper evident record that proves who did what to anything.

Jitsuin means "Truth in Things" and was founded by experts in security, identity, cryptography, distributed ledgers and connected things. To learn more, visit Link