

## About Isode

Since 2002 Isode has been developing and supporting Commercial off the shelf (COTS) client & server software for secure messaging and directory systems. Our software is at the heart of mission-critical solutions for Government, Military, EDI and Civil Aviation customers in over 150 countries.

As a company, we have a very strong engineering focus, currently more than 75% of our staff work within our engineering teams across four main product areas:

- Messaging (Including SMTP and X.400)
- XMPP Chat
- HF Radio
- Directory Services (Including LDAP and X.500)

All of our products are based on Open Standards and we have a strong history of leading the specification and development of Open Standards in our technology areas.

## About the role

We are recruiting a highly experienced Software Engineer to work on our core messaging products, primarily focussing on the multi-protocol MTA, Message stores and related products. While server side work is the focus, some client side activity (Web and desktop applications) is also possible.

The primary development language is C++, though the company is transitioning towards using newer languages such as Rust and Go.

We are looking for someone with a strong record of developing and delivering robust, reliable and scalable products on Windows and Linux platforms. Although not a necessity, a strong record of developing and delivering messaging servers using open standards is highly desirable.

The successful candidate will be joining a strong team of experienced messaging engineers and be able to demonstrate leadership and team working around the design and implementation of new features needed to maintain the technological leadership of Isode in the delivery of messaging products. Reviewing the work of and mentoring other Isode developers is also part of the role.

## Requirements

Although the primary role is that of development the successful candidate must be able to demonstrate a record of success across the development cycle including requirements capture, design, implementation, testing, documentation and support.

A very strong background in C++ is essential, as is a willingness to learn new languages and technologies. Candidates with following skills and experience are preferred

- Languages: C/C++, Rust, Go, Python, Javascript, JSON, Java
- Messaging standards: IMAP, SMTP, X.400, ACP127,

- Network programming: TCP/IP, familiarity with other Internet standards (e.g. LDAP).
- Security: PKI, TLS, X.509, OpenSSL, S/MIME, Security Labels,
- Debugging and development tools: Visual Studio, g++, clang, valgrind, gdb, WireShark, ASAN

The Isode development environment is based on Git, with reliance on the Atlassian toolset (JIRA, Confluence, Bitbucket and Bamboo) to provide a continuous integration workflow.

## **Why Join Isode?**

We are a technical company, full of incredibly passionate and experienced staff that are working on the cutting edge of technology in our product fields. Our products help define how governments and military forces communicate with one another all over the world, meaning we get to work on some unique projects and deployments.

We have a very clear mantra that is resonated throughout our company, we put employees first. Whether that be through the continual development of all our staff through various training courses and utilisation of professional development resources (such as Udemy) or flexible working setups tailored to each team member. Based in Hampton, Southwest London, some staff work full time from the office, while the majority of our team work in Hybrid set ups.

Amongst our core benefits, working at Isode will see you working alongside highly skilled engineers who hold active leading roles in organisations such as the IETF (Internet Engineering Task Force) and the XSF (XMPP Standards Foundation).

Isode offers a competitive salary and an excellent range of benefits including 15% group contributory pension, 29 days annual leave, private health cover, life assurance and share options.

If the above sounds of interest to you then we'd love to hear from you!