Job Description

Job Title
Software Developer

Reporting to
Technology Manager

Direct Reports
None

Job Purpose
We are looking for a developer with a true passion for development and technology with 2-3 years experience in developing software and the ability to upgrade your technical skills within the constantly changing technology sector. You will be a collaborative individual who enjoys working as part of a team, with the ability to look at challenges in a way that helps others to see them, understand them and work through them. Reporting into the Technology Manager, you will work as part of the ITSO Technical Team. You should have excellent time management and organisational skills as well as strong communication skills.

Key Responsibilities
- Analysing client and user requirements   - Writing code that creates new programs that satisfy requirements   - Writing code that develops existing programs to add features or make improvements and expand core functionality   - Testing code and making adjustments until programs work reliably as required   - Identifying and correcting program defects   - Writing technical specifications and instructions in collaboration with Technical Analysts

Skills, knowledge and experience - ESSENTIAL
- Experience with .Net Framework including .Net Core & .Net Standard   - Experience of Databases (Ms SQL Server / Oracle)   - Experience of Azure and Oracle Cloud Infrastructure   - Experience with Git Source Control and/or other version control systems   - Experience in Web Services   - An ability to comprehend complex problems, and deliver simple solutions   - Program design and documentation skills.   - Experience with consuming API, and integration

- Excellent verbal and written communication skills.
- Good time management and organisational skills.
- The ability to keep current with the constantly changing technology industry.

Skills, knowledge and experience - DESIRABLE

- ITSO specification knowledge
- A background in Computer Science, Computer Engineering, or a relevant industry experience.
- Familiarity with cryptography and crypto protocols.
- Experience of ISO 7816 smartcard standards
- Familiarity with XML and JSON
- Some experience of either C++ / Rust / C

Liaison/Contacts

ITSO teams; ITSO membership; 3rd party suppliers; suppliers to the industry