

Interoperability Specialist

The Mater Private Network, a leader in Irish private healthcare, is seeking a Interoperability Specialist

- This is a permanent, full-time position.

Purpose of the role

We are seeking an Interoperability Specialist to design, build, support, and continuously improve healthcare data exchange across our IT organisation. The role will focus on API-led integration, HL7 and FHIR-based interoperability, and the delivery of secure, reliable interfaces using InterSystems Health Connect Cloud.

This is a hands-on technical role requiring strong healthcare integration experience, advanced SQL skills, and programming expertise. The successful candidate will work with clinical, operational, vendor, architecture, security, and IT teams to ensure that healthcare data flows accurately, safely, and efficiently between internal systems, cloud platforms, and external partners.

Skills & Qualifications

Essential

- Strong experience in healthcare IT integration or interoperability roles.
- Hands-on experience with HL7 v2 and FHIR-based integration.
- Practical experience designing, consuming, or exposing APIs, especially REST APIs.
- Experience with InterSystems Health Connect, HealthShare, Ensemble, IRIS for Health, or preferably InterSystems Health Connect Cloud.
- Strong SQL capability, including querying, joins, data profiling, troubleshooting, reconciliation, and performance-aware data analysis.
- Programming or scripting experience in at least one modern language, with the ability to build tools, automate tasks, and solve technical integration problems.
- Strong understanding of healthcare workflows and clinical/administrative data flows.

- Experience with JSON, XML, message transformation, data mapping, validation, and interface testing.
- Ability to investigate complex integration issues across applications, databases, APIs, middleware, and external systems.
- Strong documentation skills, including interface specifications, mapping documents, test evidence, and support runbooks.
- Ability to work effectively with technical teams, clinical stakeholders, vendors, and governance groups.

Desirable Experience

- Direct experience with InterSystems Health Connect Cloud.
- Experience with InterSystems ObjectScript, productions, business services, business processes, business operations, DTLs, and message tracing.
- Experience with FHIR servers, terminology services, implementation guides, SMART on FHIR, OAuth2/OIDC, or API gateways.
- Knowledge of healthcare coding and terminology standards such as SNOMED CT, LOINC, ICD, dm+d, or local equivalents.
- Experience with cloud-hosted integration platforms and modern DevOps practices.
- Familiarity with CI/CD, source control, automated testing, environment management, and infrastructure-as-code concepts.
- Experience with data privacy, GDPR, cybersecurity, audit, and healthcare information governance.
- Experience supporting national or regional health data exchange programmes.
- Qualifications
 - Degree or equivalent experience in Computer Science, Information Systems, Health Informatics, Software Engineering, Data Engineering, or a related discipline
 - Relevant certifications in HL7/FHIR, InterSystems technologies, cloud platforms, software development, data, or health informatics would be advantageous