Gasper Andrejc

Healthcare Interoperability Specialist | FHIR & openEHR Consultant | IHE Certified Professional

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Summary

I am a senior healthcare IT consultant specializing in interoperability, enterprise architecture, and FHIR based integrations, with extensive experience across university hospitals, national health programs, and vendors in Europe and the United States. I have contributed to large-scale initiatives for organizations such as MUMC, UMC Utrecht, VECOZO, Stichting NUTS and the Dutch Ministry of Health, as well as international clients including NJII (USA), Landspítali (Iceland), and multiple NHS trusts in the UK.

My work spans system and solution architecture, FHIR consulting, and complex integrations involving standards and platforms such as FHIR, XDS, MPI, XDW, ATNA, SMART on FHIR, Epic, Cerner Millennium, ChipSoft HiX, Philips, Tiani, and Hyland.

I consistently deliver or consult on robust, standards-based solutions that enable secure, scalable, and future-proof health information exchange.

I am also a founder and a co-creator of FHIR Connect specification, which is a standard for co-existence of openEHR and FHIR.

A selection of representative projects demonstrating experience across academic hospitals, national infrastructures, and international healthcare organizations:

Organization / Client	Country	Scope & Technologies	Role
Maastricht UMC+ (MUMC)	Netherlands	FHIR architecture design, integration with existing systems	Integration Specialist, FHIR Consultant
NJII	United States	FHIR-based architecture and interoperability consulting	Software Architect, FHIR Consultant
DDMN / VECOZO	Netherlands	National scaleup of Multidisciplinary Tumour Board solution; Integrations with Enovation, Philips, Epic, EasyCare, ChipSoft HiX; XDS, MPI, XDW, ATNA, SMART on FHIR, QEDm	Lead Architect & Integration Specialist
Regionale Samenwerkingsorganisatie Zuid-Limburg (RSO ZL)	Netherlands	One of lead architects for setting up a regional collaboration network, combining openEHR and FHIR in variety of different use cases	Lead Architect & Integration Specialist
Landspítali University Hospital	Iceland	Enterprise architecture and FHIR consulting	Software Architect, FHIR Consultant
Stichting NUTS & Ministry of Health	Netherlands	Design and implementation of generic national interoperability functions	Software Architect, FHIR Consultant, Developer
UMC Utrecht (UMCU)	Netherlands	Integration with Philips and Forcare using XDS, MPI, and XDW	Architect & Integration Specialist
WelLPRES / LPRES	United Kingdom	Architecture design, Integration into LPRES ecosystem (Tiani, VisualApps)	Architect & Integration Specialist
Maastro Clinic	Netherlands	Integration with Hyland (PACS, XDS, MPI)	Architect & Integration Specialist
AOK	Austria	Architecture design, interoperability and integration in collaboration with Tiani	Architect & Integration Specialist

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EPUT (NHS)	United Kingdom	Integration into existing Tiani-based backbone	Integration Specialist
West Suffolk Hospital (NHS)	United Kingdom	Cerner Millennium EMR integration	Integration Specialist
Oncology Institute	Slovenia	FHIR and openEHR consultancy in setting up multidisciplinary tumour board solution	FHIR and openEHR consultant

Positions

Founder, FHIR & openEHR Consultant

openFHIR, May 2024 – Present

Co-creator of FHIR Connect, a specification for bidirectional interoperability between openEHR and FHIR, and founder of openFHIR, providing an openFHIR engine that enables open, scalable health IT architectures where FHIR and openEHR seamlessly co-exist to maximize data reuse and clinical value.

Founder, Health IT Consultant

Tibaran / Syntaric, Apr 2016 - Present

Supporting a diverse range of clients in achieving and extending interoperability within their health information systems. Acting as lead architect, developer, or consultant for integrations with existing EMRs and health information systems. Continuously working within and expanding expertise in the health IT ecosystem, including HL7, IHE, XDS, FHIR, and openEHR.

FHIR Consultant

Firely, Apr 2024 - Present

I assist clients in implementing Firely Server for their FHIR data infrastructure needs. This involves offering tailored advice, general FHIR consultancy, conducting training sessions, and infrastructure analysis. Ultimately, my goal is to enable clients to maximize the potential of their health data through the open FHIR specification.

Health IT Consultant

Open Line, Apr 2024 - Present

Daily tasks vary from designing interoperable architecture of projects, participating at defining of national standards, taking lead on implementations and making sure Open line's and Parsek's solutions are standards compliant.

Interoperability Specialist (IHE, HL7, FHIR) | Health IT Domain Lead

Parsek Group, Oct 2018 - Apr 2024 (5 years 7 months)

Research, development and extensive knowledge of the existing standards in the healthcare IT domain (IHE, HL7v2, HL7v3, FHIR, ..), with a purpose of specialized development activities, such as integrating different systems into an interoperable solution. Tasks vary from designing interoperable architecture of projects that we take on, to taking lead on implementations and making sure our solutions are standard compliant.

Senior Java Developer

Parsek Group, Mar 2015 - Jan 2020

Lead developer in the healthcare segment of Parsek, mostly working on the backend of the platform. Apart from other general backend programming, I also work closely with IHE and other related healthcare standards.

Licenses & Certifications

IHE Certified Professional - IHE International
Issued Jan 2023 - Expires Jan 2028

Participating and successful validation of IHE and FHIR profiles on several IHE Connectathons - IHE-Europe