

Position Description

FAST Accelerator Technical Director

1.0 OVERVIEW

The HL7 FHIR ACCELERATOR™ Program” is designed to assist communities and collaborative groups across the global health care spectrum in the creation and adoption of high quality Fast Healthcare Interoperability Resources (FHIR®) Implementation Guides or other standard artifacts to move toward the realization of global health data interoperability. HL7® helps convene and work with communities and implementers with an interest in using FHIR to address common use cases. HL7’s Accelerator service helps such communities initiate and efficiently navigate through the standards development process by providing guidance on how to navigate and work with HL7 work groups, product families and project teams. The program also provides basic team collaboration infrastructure tools and a range of other optional support services for Accelerator groups based on their own needs, ranging from self-service guidelines, to contracted project and/or financial management, contracting with SMEs, and other project and infrastructure services.

The FHIR At Scale Taskforce (FAST) FHIR Accelerator is composed of a highly representative group of motivated healthcare industry stakeholders and health information technology experts who have identified HL7 FHIR scalability gaps and are actively working on solutions to address current barriers to enable scalable FHIR solutions. The objectives of FAST include identifying obstacles to the scalability of the FHIR, defining solutions to address those barriers, and developing technical infrastructure to support scalable implementation of the FHIR standard. When appropriate, FAST facilitates the development of standards under the HL7 governance process. FAST activities include but are not limited to:

- Developing the content of implementation guides (IGs) and other standards artifacts.
- Balloting standards and/or IGs through HL7.
- Developing technical infrastructure to support the standards development community and implementers of FAST solutions, such as reference implementations and test tools.
- Educating stakeholders about FAST solutions.
- Providing implementation and adoption support and technical assistance.
- Providing thought leadership, subject-matter expertise, and strategic and technical guidance to the FHIR implementation community.
- Facilitating testing and implementation of FAST solutions at HL7 FHIR Connectathons and other public events.
- Engaging with stakeholders outside of FAST, including government agencies, the FHIR implementation community, private-sector organizations, and other HL7 FHIR ACCELERATORS to identify new priorities, solicit feedback on FAST solutions, and align standards development activities.

HL7 is seeking to contract with an individual or organization to provide technical leadership to the FAST Accelerator project.

1.1 TITLE

HL7 FAST Accelerator Technical Director

1.2 CONTRACT PERIOD

HL7 seeks to fill the position by March 15, 2023. Anticipated contract period is March 15, 2023 – December 31, 2023, and it will be reviewed and renewed on an annual basis.

1.3 REPORTING RELATIONSHIP

This position will report to the HL7 Chief Standards Implementation Officer.

2.0 POSITION OVERVIEW

The HL7 FAST Accelerator Technical Director is a part-time, non-volunteer position responsible for providing Technical Leadership to the HL7 FAST Accelerator. This position will focus on the creation and development of infrastructure (i.e., reference implementations, test tools), technical documentation and testing to support the deployment of FAST working group Implementation guides in a sandbox environment.

3.0 SCOPE

Objective	Success Measure
Establish common set of goals and objectives.	I Evaluate current state technical processes and objectives of the FAST program and recommend changes or improvements if needed. Consult with the FAST workgroups to identify crosscutting objectives that should be established by the taskforce. Document the goals and objectives for the current year and develop a framework for future years
Develop FAST standards	Establish technical standards for the FAST program. This shall include leading the evaluation of technical tools for use with the FAST program and projects. Collaboratively develop or support FAST IG quality standards and templates with participating workgroups.
Provide program leadership to the FAST Steering Committee, Operating Committee, and use case driven Project Teams	Ensure that priorities are established, selected, and revisited as necessary to meet technical goals. Provide interim updates through conference calls and in person meetings. Keep all stakeholders aligned, drive blockers and opportunities to Steering and Operating Committee, as appropriate, for resolution. Ensure development and maintenance of implementation guides, reference implementations, and testing artifacts align with FAST objectives and technical roadmap.
Provide public presence for FAST across industry events.	Work as part of the Program Management Office (PMO) to establish a consistent message, collateral and artifacts. Identify and recommend industry opportunities and appropriate presenters/participants from across Initiative population.
Ensure coordination between FAST project teams and the appropriate HL7 workgroups	Work with FAST leadership to identify projects that will create artifacts to be balloted and published by HL7. Assist in engagement with appropriate HL7 Working Groups and conformance with HL7 standards development requirements. Work with HL7 Standards

and HL7 Standards Implementation Division	Implementation Division and project teams to integrate FAST capabilities with the HL7 ecosystem sandbox (“FHIR Foundry”), identifying gaps/ enhancements needed for existing FAST reference implementations to meet sandbox requirements.
Support FAST efforts to meet Steering Committee-defined goals and objectives.	Identify and recruit appropriate and qualified resources to FAST project in support of the development of use cases and other efforts defined by Steering and Operating committees.

3.1 RESPONSIBILITIES

The Workplan

<i>Program Oversight</i>	<p>Working with FAST Steering Committee and PMO:</p> <ul style="list-style-type: none"> • Provide input into proposed project structure and development tools • Assist in selecting project focus/priorities • Identify and recruit key personnel for use case level support on new and ongoing project teams • Identify and establish processes and team members for technical leadership • Drive necessary prioritization and decision making regarding technical issues through governance bodies to define and develop desired use cases • Provide ongoing program technical leadership and support for FAST Steering Committee • Work with PMO and Steering Committee to establish professional, consistent program communications directly, through paid project resources, or in-kind resources (i.e., PowerPoint, project timelines, overarching event calendar) • Prepare technical components of Operating and Steering Committee communications
<i>Technical Program Management</i>	<p>As determined by Steering Committee and PMO</p> <ul style="list-style-type: none"> • Provide technical oversight and program support for use case projects • Provide technical guidance and oversight to contracted resources supporting FAST • Act as technical lead on specific use case project team(s) • Oversee scheduling, performance of project team, and participate in the creation and delivery of project artifacts • Prepare PMO project team communications

3.2 DELIVERABLES

1. Develop and maintain FAST technical architecture/ roadmap and vision for how FAST components fit into broader ecosystem
2. Develop overall FAST sandbox strategy and identify tool(s) needed to support, overseeing vendors to execute, and ensuring that FAST capabilities/ reference implementations are accessible for other accelerators, initiatives, and workgroups to test with

3. Develop overall, cohesive FAST testing strategy and identify tool(s) needed to support, overseeing platform vendors to execute
4. Work with project teams to document FAST requirements for the HL7 ecosystem sandbox
5. Work with project teams to ensure appropriate technical documentation is published to support implementers

4.0 QUALIFICATIONS

- BA/BS required, advanced degree a plus
- HL7 Fast Healthcare Interoperability Resources (FHIR) and Implementation Guide expertise
- Demonstrated experience with HL7 standards development; Health IT experience desirable; HL7 FHIR Accelerator experience desirable
- At least 5 years of experience in facilitating multi-stakeholder industry initiatives including at least 3 years in leadership roles
- Experience in enterprise and/or solution architecture in healthcare
- Experience in software development and one or more programming languages commonly used in development of digital health-related software, including JavaScript/TypeScript, Ruby, Swift, Java, or C#
- Experience using collaborative software development tools including git, GitLab/GitHub, and Jira
- Experience with open-source software
- Strong problem-solving skills and willingness to roll up one's sleeves to get the job done
- Proven ability to work independently
- Excellent oral and written communication skills

5.0 HOW TO OBTAIN FURTHER INFORMATION

Direct questions to: Karen Van Hentenryck (Karenvan@HL7.org)

The contractwork@lists.hl7.org list service informs potential contactors of work to be contracted out by HL7 International. If you have received this announcement by a means other than this list, you should sign up for the free HL7 List Service at:

http://www.hl7.org/special/committees/list_sub.cfm?list=contractwork

Any updates to this contract work announcement, additional announcements or information will be posted to that list and will reference the contract name.

4.0 HOW TO APPLY FOR THIS POSITION

Submit a cover letter, resume, and pricing proposal via e-mail by February 17, 2023, to:
Karen Van Hentenryck
Karenvan@HL7.org