

Sam Carrillo

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<https://github.com/carrils> | <https://carrils.github.io/about-me>

Professional Summary

Goal-driven Software Engineering professional with 4+ years of progressive experience supporting federal research and development projects for various sponsoring agencies with The MITRE Corporation. Prior to MITRE, I developed and supported EHR systems with Oracle. Driven by a natural affinity for programmatic problem-solving, I am seeking to contribute to impactful projects and initiatives. Kansas City-based developer proficient in health data interoperability, steering complex technical conversations with stakeholders, and possessing clear communication skills.

Skills & Abilities

- Python, Java, Javascript, Ruby, Pandas, Full-Stack Cloud Devops, HL7 FHIR, C++
- EHR/EMR Development, Health Systems Engineering, Data Interoperability
- Agile, Project Task Management, Stakeholder Engagement & Analysis

Experience

The MITRE Corporation

2021 – 2025

Project: Inferno | Agency: ASTP

Nov. '24 – Apr. '25

Developed Test Kits & internal team tooling; Carin for blue button, Bulk data, US CDI.

Project: Hospital Price Transparency | Agency: CMS

Aug. '22 – Apr. '24

Served as a staff developer to create software and provide technical insights to strategic planning of how to support and advise implementation of the HPT final rule.

Public Health FHIR Implementation Collaborative | Agency: CDC May '22 – May '23

Staff developer, demonstrated the implementation of FHIR software. Designed and conducted pilot testing to establish FHIR data exchange between public health depts.

Project: Transparency in Coverage | Agency: CMS

Jan. '22 – Feb. '24

Contributed to developing the MRF validator and managed its repository. Informed sponsor strategy by creating software that facilitated comparing prices for charge items

Project: CDS Connect | Agency: AHRQ

Jun. '21 – Aug. '24

Served as a staff full stack developer supporting and maintaining the CDS Connect website. Worked with clinicians to ensure accuracy of Artifacts on website repository.

Oracle Health

2018 – 2021

Systems Engineer II

Supported and developed clinical applications, facilitated the transmission of health data in general from bedside medical devices. On-call for engineering support.

Education

BS Computer Science, Missouri Western State University - May 2018