Frank Stevens

EHR Conversion Consultant
Epic Integration Consultant
Integration Project Manager
Full Stack C# Developer

Specialization

Project Management
Epic Data Conversions
Epic Bridges Integration
HL7, SQL, ETL, Full SDLC
Epic Go-Live Support

Application Expertise

Epic Bridges Interfaces
Proactive Analysis and Testing
Interface Workflow Automation
Custom Interface Development

Integration Engines

Corepoint
Siemens Openlink
Mirth
Cloverleaf
Rhapsody

Database

Microsoft SQL Server
Oracle
DB2, PostgreSQL
MySQL, SQLite

Development

Microsoft Visual Studio, C#
Java and JavaScript

Certifications

Epic Bridges 2009 to present
Openlink
Corepoint Certificates
ITIL

A skilled, energetic, forward thinking and customer service-oriented systems specialist who proactively anticipates problems and visualizes resolutions. Efficiently meets project deadlines, works independently or as part of a team, and has a proven track record with complex data application interfaces. Vast understanding of hospital integrations and its impact on business processes and operations. Specializes in analyzing hospital and ancillary systems for converting legacy data to HL7 for direct load or processing through the integration engine using C# and JavaScript.

Full Stack Developer utilizing Microsoft products, various DBMS, ~~hardware~~, client/server, mobile devices, integration engines, and hospital systems.

Always looking for better ways to automate workflows to increase productivity and save resources. Believes in timely communication and feedback through both written and verbal means.

PROFESSIONAL EXPERIENCE:

Lead Conversion Consultant (2 different go-lives)
Mar 2021 – Jul 2023
University of Virginia Healthcare

- **Consulted, developed base code, and trained the conversion team on translating and loading all conversion datatypes using C#.**
- **Managed Lab Build meetings to efficiently and timely map thousands of procedures, component results, organisms, resulting agencies, result tree groupings, and associated translation tables.**
- **Proactively consulted with external vendors, build teams, and management to keep project on track.**
- **Created, and managed meetings with the validation team for small scale, large scale, full scale, and production loads. The validation team consisted of providers, nurses, build teams, and management.**
- **Epic to Epic Acquisition (Go-Live Nov 2022)**
  - **Edited Clarity queries that were used to extract order list for triggering messages out of the Epic source system interfaces.**
  - **Labs - ETL**
    - **General Labs and Point of Care**
    - **Microbiology**
    - **Blood Bank**

- **Meditech to Epic Acquisition (Go-Live Jun 2023)**
  - **CCD(s) - ETL**
    - **Setup and configured CCD interface.**
    - **Consulted with Interconnect, Epic, infrastructure, HIM, and pharmacy build teams.**
    - **Created and Edited a XML translator to update CCD to Epic CCD requirements.**
  - **Labs - ETL**
    - **Consulted with BI team to eliminate duplicate labs orders caused by live interface. Incorporated order list in translator to filter and route duplicate orders to historical filter file.**
    - **General Labs and Point of Care**
    - **Microbiology**
    - **Blood Bank**

Lead Conversion Consultant
Feb 2020 – Oct 2021
University of Kentucky Healthcare

- **Designed custom .NET applications and extracted, transformed, and loaded HL7 and CCD messages into Epic using the following Data types. Data sources included Microsoft SQL, Oracle, and delimited files. Source systems included Allscripts, Mckession, Medicat, Axium, Ottr transplant, GE, and others.**
  - **CCD**
  - **Notes**
  - **Vitals**
  - **Encounters**
  - **Patient History**
  - **Onbase document archival**
  - **Vaccinations**
- **Trained and transitioned UK staff on using the custom applications to extract, transform, and load HL7 and CCD messages for UK's archive project.**
- **Designed solutions to overcome roadblocks UK encountered.**
  - **Notes – Refactored application to accommodate RTF issues caused by structured notes containing non-standard tokens, strike out, and etc.**
  - **Scaled Applications to extract and transform more efficiently to meet deadlines.**
  - **Designed application for Vaccinations to merge vaccinations from Allscripts Touchworks, Sunrise Inpatient, and Medicat eliminating duplicates.**
  - **Designed applications to extract image documents from vendor supplied HL7 files and created Onbase index files with required metadata.**
- **Managed project to setup Mirth and train staff on use with Epic.**
- **Advised and Trained UK staff on different phases of conversions.**

Lead Integration Analyst
Jun 2019 – Nov 2019
Acumen Physicians LLC.

Responsible for analyzing and improving practice workflows related to integration and support. Worked and mentored the support team to improve communication and workflows with Quest, LabCorp, other ancillary labs, and data types. Used **C#** to generate spreadsheets to communicate error summaries by data types, departments, and practices for review by other team members and management.

Epic Integration/Conversion Consultant
Dec 2016 – Nov 2018
Mayo Clinic

Responsible for Extracting, Transforming, and Loading(ETL) patient data from Cerner Millennium and GE LastWord EHR systems into Epic. The ETL process included writing ETL programs and configuring Epic Bridges to process the data. The ETL applications were built using **C#** with Microsoft Visual Studio. The data types I was directly responsible for were flowsheets and labs. Flowsheet data types consisted of Dental, Vitals, Family History, and Smoking Status. Lab data types included Blood Bank and Microbiology. Also, I assisted the team on Patient Reported Outcomes(PRO), Lines Drains and Airways (LDA), Medical Devices, Encounters, General Labs, and Genetics. There were four go-lives that included three different time zones.

Additional assignments included the development of a patient validation system. The patient validation system tracked testing and analysis of patient health records loaded into Epic. The users of the system included Subject Matter Experts (SME), Data Type ETL Developers, Project Managers, and Management.

Epic Integration Consultant \HL7 Integration Consultant
January 2012-May 2015
Vision Consulting, LLC/Parallon Technology Solutions

- Helped with the design and implementation of an EPIC SharePoint site for Bridges integration support and training.
- Scheduled and managed HL7 integration meetings between facility staff, vendor staff, and integration engineers to ensure deadlines were meet.
- Worked as HL7 Project manager with various Radiology integrations
- Designed test scripts for cutover of NOVARAD PACS from SIEMENS to MEDITECH
- Designed, analyzed, and coordinated Siemens EDM image conversion for MEDITECH SCM
- Developed custom software to extract images from the EMC Centera Storage Device.
- HL7 Project manager for over 7 hospitals implementing meaningful use.
- Coordinated integration between PACS, Modality server, RISC, Mammography, and RAD transcription eliminating a paper-based system.

Project Manager\HL7 Integration Consultant
University of Mississippi Medical Center
March 2006 – November 2012

- Bridges Interfaces/CorePoint Integration
  - Lead analysis and design
    - E-Prescribing(Surescripts)
    - Transcription
    - Scanned Images
    - Claims Scrubber
    - Reference Labs
    - Conversions
  - Consulted on analysis and design
    - ADT
    - Radiology
    - Scheduling
    - Device Integration
    - Diet Orders
    - Deficiency
- EPIC Go-Live support – Monitored and Worked Bridges Error logs, CorePoint Integration Engine, and proactively engaged hospital staff to resolve errors and workflows.
- Analyzed, designed, configured, built, and versioned Bridges interfaces to meet SureScripts validation and approval before project deadline.
- Configured and tested EPIC Interconnect Servers, SOAP Servers, and BLOB Servers.
- Designed, Customized, and Evaluated EPIC test scripts for all phases of EPIC testing.
- Consulted on design cutover HL7 integration from Siemens Invision to EPIC 2012.
- Used .NET to translate MEDITECH Lab reports to HL7 and loaded Messages into EPIC.
- Used Microsoft .NET to map, transform, and filter Siemens LCR HL7 messages to save several hundred man hours.
- Helped Coordinate Design Efforts between 3M engineers and EPIC to allow 3M interfaces to work with Epic.

EDUCATION:

B.S, Electrical and Computer Engineering, 1986 – Mississippi State University

United States Air Force – Tactical Satellite Communications Operator Repairman
April 1978-March 1982

Associate of Science; Hinds Community College