

JASPAL BHOGAL

Millersville, MD

(443) 688-2363 ✦ jaspal.bhogal84@gmail.com

SELECTED HIGHLIGHTS

Business Analyst ✦ FHIR/HL7 Interface Analyst ✦ EHR/EMR Implementation Specialist
Cloud (Azure, Google, AWS), SQL Server, Oracle, DB2, Sybase, MS Access

Detail-oriented and analytical Business/Data Analyst. Analytical and focused interoperability professional specialized in various Healthcare data, workflows across different platforms with in-depth experience in system analysis, management, and interface development using different engines. Trained in areas of EMR, HIE, HL7/FHIR, Patient Privacy and Protection, Meaningful-Use, and Health Care Data Analysis. Worked on projects with CDCF - MDH, NeDHHS, NYS DOH, CMS-HITECH NLR EHR Incentive Program, eClinicalWorks EMR, eviCore (MedSolutions), HealthNow-BCBS, CareSource, Bracket Global - Pharma, CooperVision, Thermo Fisher Scientific, ABC Imaging, and Transportation (DOT, DealerSocket).

CORE COMPETENCIES

- PM/EMR Implementation
- HIE/EDIs/HEDIS
- Business, Systems Analysis
- Strategic Planning
- SaaS/PaaS
- System Administration
- **Project Methodologies:** Agile, Waterfall
- **Business Applications/Tools:** MS Office 365, SharePoint, MS Project
- **Reporting Tools:** DataBricks, PowerBI, MicroStrategy, IBM Cognos eBO, Crystal Reports
- Software Training
- Claims Processing
- Systems Security & Disaster Recovery Planning
- Testing/Documentation
- Data Mapping
- Technical Writing (Manuals/Specifications)
- CASE/Testing Tools: Jira, HP Quality Center, DOORS, MKS
- **ETL Tools:** Mirth Connect, Guardian, Rhapsody, Informatica
- **Operating Systems:** Windows 10, Linux
- **Regulations:** HEDIS, NCQA, CDC, CMS, HIPAA, X12 (EDI), FDA guideline, 21 CFR Part11

PROFESSIONAL EXPERIENCE

ICF, LLC (Fulltime) ✦ July 2023 – November 2023
Functional Analyst – CDC Cloud Modernization

- Involved in gathering client requirements, technical design discussions and thereby producing technical specification documents.
- Build tools to connect to multiple data sources, collect and analyze data, and present data for post-analysis. Identify gaps and review requirements for a correct description of service.
- Conducted meetings with cross functional teams and acted as a liaison between the client, stakeholders, 3rd party vendors, and the development/test teams.
- Recommended process improvement for reducing use cases in-wait status, due to technical requirements questions by introducing links in forms, that point to documentation to guide users on filling required fields, and where to obtain the necessary data for required fields.
- Work side-by-side with teams to design, develop, test, and deploy technology solutions to solve challenges.

KR3 Information Systems Inc (C-2-C) ✦ February 2023 – July 2023
HL7 Interface Analyst – CDC Cloud Modernization

- Involved in gathering Client requirements, technical design discussions and thereby producing technical specification documents.
- Conducted meetings with cross functional teams and acted as a liaison between the client, stakeholders, 3rd party vendors, and the development/test teams.
- Build tools to connect to multiple data sources, collect and analyze data, and present data for post-analysis. Identify gaps and review requirements for a correct description of service.
- Onboarding and creating accounts for facilities/vendors to report to CDC web portal and setup interface for HL7/FHIR, reporting, and other initiatives EIP (STLT) sites.
- Work side-by-side with teams to design, develop, test, and deploy technology solutions to solve challenges.

CDC Foundation – Maryland Department of Health (MDH) (Fulltime) November ✦ 2021 – October 2022
Data Manager - HL7 Interface Analyst

- Onboarding and creating accounts for facilities/vendors to report to MDH web portal self-load and setup interface for HL7 for COVID-19 reporting and other initiatives.
- Experienced with configuring and troubleshooting high-volume HL7 data interfaces including ADT, Lab (ORU), and Vaccination (VXU).
- Worked closely with clinics, hospitals, Assisted Living & Long-Term Care facilities (ALF & LTCF) to submit immunization results via web services – HL7 Interface, SFTP – flat files, .csv files.
- Evaluated the functioning of applications and made recommendations for changes and file formats like HL7, CDA, CCD, ICD 9/10, CPT codes, LOINC/SNOMED, EHR/EMR, and FlatFile, .csv to HL7 conversion.
- Actively worked with various EMR(s) interface/integrations teams and various vendor companies to successfully set up bidirectional and unidirectional interfaces.

TEKsystems – Nebraska Department of Health & Human Services (DHHS) (Fulltime) ✦ December 2020 – July 2021
Sr. Business Analyst

- Onboarded and created accounts for facilities/vendors to report to NEDHHS web portal self-load and set up interfaces for HL7 for COVID-19 reporting and other initiatives.
- Worked and assisted in identifying the clinical data and creating a specialty registry (Nebraska Parkinson's Disease) and disorders being treated, procedures performed, medication and their codes according to compliances for communication among pharmacy, providers, and another EHR system to help Decision Support System and Fast Health Interoperability Resources (FHIR) exchange.
- Evaluated the functioning of applications and made recommendations for changes and file formats like HL7, CDA, CCD, LOINC/SNOMED, ICD 9/10, EHR/EMR, and FlatFile, .csv to HL7 conversion.
- Worked closely with Assisted Living & Long-Term Care facilities (ALF & LTCF) to submit COVID-19 results via flatfile, .csv files, HL7 interface.

ABC Imaging, Alexandria VA, (Full-Time) – Travel 50% ✦ April 2019 – March 2020
IT Infrastructure Engineer

- Supported implementation of critical, large-scale, highly reliable applications such as in-house application, Adobe, Cylance, PRTG, Barracuda, Windows 10, O365, and VoIP for 25+ locations 500+ pcs/users accounts.
- Implemented techniques for effective Product Backlog management by leading the team through long-term roadmap exercises and forecasting long-term project deliverables.
- Ability to work in a team-oriented environment with a strong aptitude for problem-solving and collaboration.
- Install, Configure, Maintain, and Troubleshoot server hardware, operating systems, and infrastructure applications.
- Perform system software upgrades including planning, scheduling, and coordination, to provide a stable product for the environment.

Truck and Trailer Repair, Waldorf Honda, ResourceSoft, (Transportation & Pharma) (On-Site) ✦ August 2018 - April 2019

IT Support Analyst

- Worked on multiple projects (3 months duration) in the transport/pharma industry.
- Daily maintenance fixing minor data entry errors on existing Customer Relationship Management (CRM) system – DealerSocket and DOT.
- Knowledge of FDA QS 21 CFR 820, 211 for the Pharmaceutical Industry (Bracket Global) and gathered requirements from various audits groups - GMP, GVP, GCP, GxP, CSV, CXV, NDC, EMR, EHR & QMS.
- Minor updates to Windows 10, and Microsoft Office 365.

eClinicalWorks LLC – (Fulltime) Travel 100% ✦ May 2014 - December 2017
Implementation Specialist/Software Trainer

- Configured PM/EMR system to be compliant with Federally Qualified Health Centers (FQHC), Patient-Centered Medical Homes (PCMH), and Meaningful Use (MU) MARCA/MIPS programs.
- Deployed add-on features such as healow-Patient Portal, P2P, eClinicalTouch, eClinicalMobile, eClinicalMessenger, and eBO reporting to increase overall efficiency and productivity.
- Develop new product implementation strategies, present product introductions, and launch plans to executive management, operations, sales, marketing, and technical support teams.
- Proficient in Healthcare Interoperability issues, HIE between different EMR/EHR systems like Cerner, Epic, NextGen, Allscripts, etc, CCD/CCDA data exchange, HEDIS/eCQM reporting, and data sharing between ACA, ACO, PCMH, CCMR/CCM registries, for capitation & actuarial analytics.
- Actively worked with the eClinicalWorks interface/integration team and various (LabCorp, Quest, DICOM) companies to successfully set up bidirectional interfaces.
- Evaluated functionality of the application and made recommendations for changes and file formats like HL7, CDA, CCD, LOINC/SNOMED, ICD 9/10, EHR/EMR, flat files, and .csv to HL7 conversion.
- Coordinated system build and data migration activities to prepare the application for training and go live.
- Supported clinics with the transition from ICD 9 to ICD 10 and, educated/trained providers, and staff members on ICD10.
- Conducted manual testing of Rx HUB (Surescripts) for controlled and non-controlled substances electronically to different pharmacies to be compliant with NCPDP standards.

Logical Paradigm, LLC (Client-Site) ✦ August 2011 - May 2014
Sr. Business Analyst

- Worked on multiple projects (3 – 12 months duration) client-facing NYS DOH, HealthNow-BCBS, QSSI – CMS – HiTECH EHR Incentive Program, eviCore (MedSolutions), CareSource.
- Performed independent validation and performance testing of the National Level Repository (NLR) database maintained by CMS for the HiTECH EHR Incentive program initiated under the American Reinvestment and Recovery Act.
- Gathered requirements for the Enhancement of the Electronic Lab Reporting Dashboard and implemented the timely status/error messages in the Dashboard. Assisted end users with integration testing of the case notifications module.
- Worked with TriZetto Facets vendor on (4010-to-5010) request/response for 820 (270/271), 837 (P.I.D) 276/277, 834, 835, 275, and 278 to identify key data set elements for designated record sets. Interacted with Claims, Payments, and Enrollment SMEs to analyze and document related business processes.
- Extensive working knowledge about concepts of the domain such as HIPAA (4010 and 5010), FDA regulations and guidelines along EDI, ICD-9-CM-to-ICD-10-CM code conversions, configuration tools (GEM), EHR, EDI standards, Patient monitoring devices, Healthcare Clearinghouses, and CRM.
- Evaluated the functioning of applications and made recommendations for changes and file formats like HL7, CDA, CCD, LOINC/SNOMED, ICD 9/10, EHR/EMR, and FlatFile, .csv to HL7 conversion.
- Conducted walkthroughs and defect meetings periodically to assess the status of the testing process and discuss areas of criticality with CMS.
- Documented Test Plans and preparation of Requirements Traceability Matrices (RTM) that contain test scripts, test cases, test data, and expected results for the User Acceptance testing.
- Performed troubleshooting, problem-solving, issue tracking, resolution, and QA functions including testing and turnover reviews.
- Responsible for the development of testing scenarios and ensuring the traceability of Business and System requirements using HP Quality Center.

Adecco – CooperVision, Thermo Fisher Scientific, Rochester, New York ✦ June 2009 - May 2011
Operations Analyst

- Using SAP solutions for warehouse management, directed global inbound/outbound goods through cross-docking processes.
- Trained in ISO: 9000:9001 Quality Management Systems produced Logistics procedures outlining User instructions for internal business processes.
- Maintained and reviewed service requests for accuracy within the global supply chain team, ensuring functional changes, issues, and requests are resolved in a timely manner.
- Performed general office tasks such as filling, light typing, copying, faxing and other office activities.
- internal business processes.

EDUCATION

University at Buffalo School of Engineering and Applied Sciences
Bachelor of Science in Mechanical Engineering

ADDITIONAL CREDENTIALS

CLEARANCE

Public Trust

✦ ✦ ✦ **Detailed Professional References Available upon Request** ✦ ✦ ✦