

Qualifications IT professional with over fifteen years of experience as a web application developer, SQL developer, DBA, and system administrator. Led a number of web development projects. Worked in teams with IT staff and a broad range of other users to implement new systems and tools to increase efficiency.

Education and Training B.A., Computer Science and History of Art, with Distinction — Indiana University, Bloomington, IN; 1998.

Microsoft training in ASP.NET Development, SQL Server, SharePoint Development, Data Warehousing; 2003-2013.

Udacity online training in Android Development, GitHub; 2015.

Certifications Microsoft Certified Professional (MCP)

Technical Skills High level of proficiency in a wide range of technologies, including the following.

Programming Languages:

C#, C++, Objective-C; Visual Basic; SQL (queries, views, stored procedures, functions); PHP; Perl; Java; HTML, CSS, JavaScript; VBScript, Unix shells, PowerShell

Frameworks and Services:

.NET and ASP.NET; REST and SOAP web services; XML, JSON; jQuery; PhoneGap; Apache, IIS

Development Tools:

Visual Studio, XCode, Android Studio; TFS, SourceSafe, GitHub; regular expressions; Adobe Photoshop

Database Development and Administration:

Microsoft SQL Server, SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS); Microsoft Access; Sybase ASE; MySQL; Oracle

Professional Experience

Analyst/Developer
May 2014 - Present

IT Services - Amalga Data Warehouse
UW Medicine, Seattle, WA

- SQL developer for CIP V3 entity data pipeline
 - Load datasets from many sources and combine into V3 system format
 - Design and implement data pipeline, error handling, and logging
 - Architect custom SSIS package, stored procedures, and table structures
 - Write documentation, coach team members on use of custom pipeline processes
- Author reports using SQL, SSRS and SSIS, and the Amalga system
 - Primary developer for institutional metrics dashboards (“Patients Are First”)
 - Present new reports and visualizations to UWM leadership
 - Generate scheduled and on-demand reports per requirements of UWM end users
- Plan and test major migration from Amalga V2 to Caradigm CIP V3
- Assist affiliated developers with reporting needs and data questions
- Accomplishments
 - Wrote modular stored procedures for reuse by many data pipeline data sources
 - Devised method to improve data pipeline by loading only when updates detected
 - Wrote C# data comparison application for use during system migration
 - Created dozens of charts and reports, helping increase quality of patient care

