

**ETL/Database Developer**

Proven track record of excellence in database development, data management, and business intelligence.

“Truly exemplary work.” – Jim, IT Director

- Technical Skills**
- Microsoft SQL Server, Azure SQL Database
  - T-SQL (queries, views, stored procedures, etc.)
  - SQL Server Integration Services (SSIS)
  - SQL Server Reporting Services (SSRS)
  - Power BI, Tableau
  - C#.NET, VB.NET, MVC, Entity Framework
  - PowerShell

**Professional Experience**

**Analyst/Developer**

**The Seattle Public Library**

November 2015 - Present

Seattle, WA

Design and implement library data warehouse

- Work with stakeholders to determine data and reporting needs
- Work with data owners to identify sources and understand contexts
- Build ETL processes using SSIS, T-SQL, C#, and PowerShell
- Build enterprise reports, dashboards, and KPIs using SSRS
- Work with business analysts to expose data to Tableau and Excel

Web developer for internal and external web applications and web services

- ASP.NET (VB) online payments web application
- ASP.NET (C#, MVC, Entity Framework, Bootstrap) volunteer data entry tool

Accomplishments:

- Proposed, designed, and implemented self-service reporting for Library staff
- Built 35+ end-to-end ETL processes and 80+ SSRS reports in 3 years
- Grew data warehouse from 0 to 200GB (over 300 million rows) in 3 years
- Published and continually refreshed 4 datasets for Seattle Open Data Initiative
- Project managed migration of Horizon ILS from Sybase ASE to SQL Server
- Implemented donation feature in online payments web application

**Analyst/Developer**

**IT Services - Amalga Data Warehouse**

May 2014 - November 2015

UW Medicine, Seattle, WA

SQL developer for CIP V3 entity data pipeline

- Loaded datasets from many sources and combine into V3 system format
- Designed and implemented data pipeline, error handling, and logging
- Architected custom SSIS package, stored procedures, and table structures

Authored reports using SQL, SSRS and SSIS, and the Amalga system

- Primary developer for institutional metrics dashboards (“Patients Are First”)
- Presented new reports and visualizations to UWM leadership
- Built reports (scheduled and on-demand) per requirements of UWM end users

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

