

Professional Summary

“People do the best they can with the information they have – I provide the best information towards their success.”

Data Management professional with 5 years’ experience in data analytics, team collaboration, and requirements gathering. University degrees in Management Information Systems (2019) and Data Science (exp. 2025). Proven record of creating technical solutions in collaboration with stakeholders to satisfy their needs.

Experience

Business Data Analyst | *Rexel/Platt* | Beaverton, OR | Sep 2021 – Mar 2023

Responsibilities –

- Modeled and documented data sources, data architecture, and Extract-Transform-Load processes.
- Created and updated dashboards and reports in Power BI, SQL Server Reporting Services, and Excel.
- Maintained data pipelines using SQL Server Integration Services for business applications and reporting.

Key Projects –

- Worked with IT department leaders to define Key Performance Indicators to illustrate status and value to Business Leaders. Created Power BI dashboard and SQL Stored Procedures based on feedback and analysis.
- Documented data integration process for new business acquisitions to guide future application integrations.
- Developed processes to investigate data lineage between Business Web Applications and Data Pipelines, including Python code to analyze data connections between SQL stored procedures and C# API’s.

Business Systems Analyst | *The Standard* | Portland, OR | May 2020 – Apr 2021

Responsibilities –

- Lead project meetings to clarify insurance policy requirements, validate user tests, and manage changes.
- Configured user interface with XML and Rich Text templates based on stakeholder requirements.
- Maintained project status and documentation in Jira, Confluence, and Sharepoint.

Key Projects –

- Updated the Short-Term Disability claims writing system at the height of the COVID-19 Pandemic improving the speed at which new insurance claims could be processed.
- Created Visual Basic scripts to automate XML configurations and validate syntax. This ensured a simpler process for the future of the product as team resources were leaving at the end of their contracts.

Technology Analyst | *TEC Equipment* | Portland, OR | May 2019 – Dec 2019

Responsibilities –

- Interviewed business leaders to understand business processes in functional and technical detail.
- Conducted root cause analysis behind technical issues and calculated financial impacts.
- Developed new business processes according to stakeholder requirements.

Key Projects –

- Analyzed revenue impact from lost productive hours in 23 service departments to cost the organization \$3 million due to technical issues. This justified investments in wireless network infrastructure in all locations.
- Designed and developed job scheduling dashboard for Service Departments. Programmed in PHP and JavaScript utilizing MySQL database. Deployed on WordPress intranet.

Additional Experience

Data Analytics Teaching Assistant | University of Oregon | May 2019-Dec 2019 – *Designed dashboards in Tableau and data visualizations using Python, JavaScript, and SQL. Fundamentals of ETL, Machine Learning, and Big Data.*

Business Intelligence Analyst | Market Contractors | Mar 2017-Oct 2017 – *Financial analysis of construction portfolio using Excel and SQL.*

Assistant Buyer | Crown Enterprises | Jan 2013-Jun 2014 – *Sales forecasting and inventory management.*

Personal Projects

MyTableTopList.com – March 2023 to Present

- Created an online database for searching Tabletop RPG video and podcast content by genre, actor, and game system. Enabling content creators to find an audience and users to discover new stories and characters.
- Built a detailed data model with relational and graph elements with full text search through Tantivy library.
- Utilized local PostgreSQL database for development and data analysis and Azure SQL Database for production.
- Built the API, data pipeline, and front end in Python using open-source tools (FastAPI, Airflow, Flask)
- Deployed in Azure App Services and Azure SQL Database, using Azure DevOps for CI/CD pipeline and git repository.

Thingable.io – 2017 to 2019

- Designed an online database for upcycling and repurposing everyday objects and waste materials.
- Presented the idea at Techstars Startup Weekend and got picked as one of 7 projects for the 56-hour competition.
- Built a proof-of-concept frontend with JavaScript and an API in PHP utilizing Neo4j as the database.
- Created a unique data model to handle many-to-many relationships between objects and the purposes they can be used for.

ggroenendale.github.io – 2018 to Present

- Digital Portfolio highlighting professional experience, ongoing projects, and personal hobbies.
- Created a unique design utilizing html, css, and JavaScript. 3D photo gallery elements created in raw JavaScript with jQuery events and functions.

Education

Bachelor of Science in Data Science *Arizona State University – Online – Expected Graduation 2025*

Major Focus: Business Analytics Track

Bachelor of Arts in Business Administration *Washington State University – Vancouver, WA – May 2019*

Major: Management Information Systems | Minor: Digital Technology and Culture

Associates in Arts and Sciences *Columbia Basin College – Pasco, WA – May 2011*

Skills and Competencies

Project Management – Familiar with Agile and Lean Methodologies. Experience with Azure DevOps and Jira.

Analysis – Experienced in Tableau, Power BI, Jupyter Notebook, Visio, Excel, Draw.io, Mermaid.js.

Programming – Proficient in Python with functional knowledge of JavaScript, C#, R, VBA, and PHP.

Database Management – Proficient with Microsoft SQL Server, PostgreSQL, MySQL, MS Access, and MongoDB. Utilizes Airflow and SSIS for data pipelines. Familiar with Elasticsearch and Neo4j.

Cloud Environments – Azure, AWS, Gitlab. Well versed in Linux and Docker