

# Emmanuel D. Wilson, M.S.

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## **PROFESSIONAL SUMMARY**

- 8+ years of expertise in process improvement and business intelligence solutions.
- Proficient in SQL and Python for data manipulation and automation.
- Skilled in DAX and Power BI for crafting intricate calculations and visualizations.
- Use Salesforce to track progress, manage expectations, and provide updates via dashboards.
- Adept at risk assessments, compliance analysis, and developing governance strategies.
- Strong problem-solving abilities for addressing business and data challenges.
- Excellent communication skills for translating technical concepts to stakeholders.

## **EXPERIENCE**

### **Senior Business Analyst**

*Southern New Hampshire University* | July 2023 – August 2024

- Implemented quality management strategies, increasing positive feedback by 20%.
- Facilitated the implementation of a new ERP system that reduced processing time by 30%.
- Reduced requirements gathering time by 20% through improved stakeholder engagements.
- Led Agile ceremonies for the Virtual Lab Solutions team, including daily scrums and sprints.
- Gathered requirements with stakeholders to identify business needs and document specs.
- Consolidated data from databases, cloud services, and Excel into a unified view with Power BI.
- Monitored key performance indicators (KPIs) and conducted user acceptance testing (UAT).
- Translated business needs into detailed technical specs, including data models and designs.

### **Principal Technical Consultant**

*Anthology Inc.* | October 2021 – January 2023

- Led multiple consulting projects that boosted client operational efficiency by 25% through enhanced data automation accuracy, while simultaneously increasing customer satisfaction.
- Configured client cloud data analytics environments that achieved a 30% reduction in IT costs by transitioning from on-premise servers to AWS cloud-based solutions.
- Leveraged Salesforce to track progress, manage client expectations, and deliver timely updates via customized dashboards and reports.
- Delivered SaaS solutions, data migrations, and ETL using Python, T-SQL and SSIS.
- Developed Microsoft BI products with star schema: extended data models and fixed issues.
- Used advanced data modeling to build Power BI and SSRS reports to derive data insights.
- Created stored procedures, views, and adjusted ETL jobs to meet client specifications.

## **Systems Analyst**

*Oakland University William Beaumont School of Medicine* | Rochester, MI | July 2013 – October 2021

- Spearheaded a project to optimize data warehouse architecture, resulting in a 40% improvement in data retrieval speed and significantly enhancing reporting accuracy.
- Developed subject matter expertise (SME) and contributed throughout the entire software development life cycle (SDLC).
- Facilitated workshops and interviews to elicit and document detailed business requirements.
- Conducted technical presentations, trained end-users, and authored documentation.
- Utilized advanced SQL to manipulate large data sets and developed dashboards and reports using Power BI, Tableau, and Evisions Argos.
- Integrated data from multiple sources into a unified relational schema using ETL tools.
- Proficient with ERP systems like Oracle, PeopleSoft, and Ellucian Banner, with skills in Database Management, System Integration, Configuration, Customization, and Support.
- Automated redundant business processes by creating scripts to improve efficiency.
- Designed custom web applications with Linux, Apache, MySQL, PHP to meet business needs.

## **EDUCATION**

### **Master of Science, Public Administration**

*Oakland University* | Rochester, MI | April 2019

### **Bachelor of Science, Management Information Systems**

*Oakland University* | Rochester, MI | April 2011

## **CERTIFICATION**

### **Career Essentials in Data Analysis by Microsoft and LinkedIn**

*Microsoft* | August 2024

### **Career Essentials in Generative AI by Microsoft and LinkedIn**

*Microsoft* | August 2024

## **TECHNICAL SKILLS**

- **Tools:** Power BI, Tableau, NetSuite, SSRS, JIRA, Visio, SharePoint, ServiceNow, Excel
- **Coding:** SQL, Python, .NET, T-SQL, PL/SQL, JavaScript, HTML5, PHP
- **Systems:** Azure, Microsoft SQL Server, Oracle, PostgreSQL, MySQL, Salesforce