MATT SCHULTZ

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Skills:

- Strong background in enterprise data management, including building extract, transform, and load (ETL) pipelines, automating manual data collection processes, and working with stakeholders on data governance.
- Experience with developing custom web applications and supporting vended solutions, with a focus on the collection, manipulation, and display of financial and administrative data.
- Proficiency with multiple business intelligence tools: SAS Visual Analytics, SAP BusinessObjects, JasperReports, Tableau, ArcGIS, and Microsoft Access.

Development Experience In: SAS, PHP/Laravel, Ruby/Ruby on Rails, Java, T-SQL, JavaScript (jQuery and React), and automated testing with PHPUnit, RSpec, Watir, and Jest.

Education and Certifications:

North Carolina State University
Bachelor of Science in Biochemistry
ITIL Foundation Certificate in IT Service Management

Career History & Accomplishments:

Developer, North Carolina State University, Enterprise Application Services
June 2020 – Current

- Develop custom enhancements and integrations for the university's centralized research data management system, primarily using PHP and jQuery/Kendo UI.
- Set up ETL pipelines in SAS Data Integration Studio to capture enterprise data for operational work and reporting.

Developer, Duke University School Medicine, Office of Information Systems
July 2018 – June 2020

- Built Ruby on Rails web services for data sourced from multiple Duke systems, including clinical trials, research finance, and conflict of interest management.
- Developed enhancements for Duke's proposal submission and award management applications, as well as MyResearchHome, a centralized web portal for the Duke research community, using Ruby on Rails and React.

Data Analyst / Report Writer, Duke University School Medicine, Office of Information Systems
June 2015 – July 2018

- Collected user requirements and built reports and dashboards to track research operations data using BusinessObjects, JasperReports, and Tableau.
- Served as technical lead on the successful, multi-year migration of existing enrollment data into a single clinical trial management application.

Business Analyst, SBG Technology Solutions
December 2012 – June 2015

- Assisted project managers in directing multiple healthcare IT projects for the federal government.

Research Associate, TransAnalytics
December 2010 – December 2012

- Developed and maintained interfaces, queries, and reports in Access and Excel for analyzing traffic fatalities from a nationwide database.