

Jared Hennessy

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PROFILE

Full-stack developer, data analyst, and manager, experienced in solutions architecture and data warehouse modeling for an ever-broadening array of projects.

In my career, I've specialized in database design & efficient ETL architecture and have built reporting solutions & automated business processes across a variety of industries; including marketing, manufacturing, professional services, security, and scientific research. I am ever enthusiastic about the ways in which data assets can both inform and transform operational strategy.

Proficient in database development & building custom data management solutions and dashboards with a variety of tools: complex T-SQL queries, stored procedures, and functions, multidimensional and tabular OLAP cubes in SQL Server Analysis Services, ETL processes in SQL Server Integration Services, and rendering tools such as HTML/CSS/JavaScript, Tableau, Excel + PowerPivot/Power View or VBA, Power BI + SharePoint, and SQL Server Reporting Services.

EXPERIENCE

Immune Tolerance Network – Seattle, Washington

ASSOCIATE DIRECTOR, DATA COLLABORATION TEAM, OCTOBER 2018 – PRESENT

DATA ANALYST/PROGRAMMER, OCTOBER 2016 – OCTOBER 2018

- Design and implement a new data warehouse solution with a next-generation quality management system (QMS) for the ongoing management specimen inventory
- Gather requirements and plan for eventual storage and reporting of clinical trial results data in the next-gen specimen inventory warehouse
- Maintain and develop the automated load of new and changing data sources into the existing specimen inventory warehouse
- Conduct analysis of existing data warehouse to identify and resolve large amounts of discrepant data
- Rapid analysis and validation of Experimental Plan data to ensure completeness of clinical trial result data
- Gather requirements and develop reports in Power BI as needed, along with any underlying processes necessary to make this data available
- Maintain existing reports and datasets on an ad hoc basis by resolving bugs in existing SSIS packages and SSRS queries

Matisia Consulting – Seattle, Washington

SENIOR CONSULTANT, MAY 2016 – OCTOBER 2016

- Design a data model to integrate & store performance metrics, identify the causes of poor user experience, and escalate these issues appropriately
- Leverage Azure tools, SQL Server 2016, and SQL Server Integration Services to populate the reporting data model from numerous sources, including both relational and unstructured databases.
- Build out a reporting dashboard with a Tabular cube and accompanying Power BI/Power Pivot reports
- Build an alert system to guide support technicians to the appropriate section of the dashboard for context when a KPI breaches a pre-defined threshold

Marquis Leadership – Bellevue, Washington

SENIOR CONSULTANT, JANUARY 2015 – MAY 2016

- Design and implement Business Intelligence Data Warehouse solutions by integrating disparate data sources with a master data management service to provide a flexible, near-real time data feed to key decision-makers

- Train Tableau users to “self-serve” by connecting directly to their data and building reports, often without the benefit of a data warehouse or dedicated BI developers
- Create development roadmaps by gathering requirements & priorities from stakeholders, cataloguing and analyzing available data sources, and making recommendations about any software purchases that may be necessary

Piraeus Consulting (formerly Piraeus Data) – Seattle, Washington

DIRECTOR OF SOLUTIONS DEVELOPMENT, 2012 – 2014

BI DEVELOPMENT TEAM MANAGER, 2009 – 2012

SENIOR BI DEVELOPER, 2008 – 2009

Management Responsibilities

- Gather requirements and assist clients in planning high-impact custom development solutions
- Drive sales engineering process: responding to RFPs, making technical & process-based recommendations, scoping the maximum-value work within bid & budget
- Ensure success of project delivery across multiple initiatives by managing resource assignments and monitoring milestone deadlines.
- Hire & mentor a team of developers, keeping them engaged with projects and internal initiatives
- Manage relationships between development team and clients as well as other internal teams, particularly PMO & Business Analytics.
- Maximize efficiency across a team of developers with different skills, experience, and project assignments

Technical Responsibilities

- Design relational database schemas and OLAP cubes and to facilitate reporting
- Build ETL processes to merge data sources and apply business rules
- Develop dashboards for Microsoft marketing teams to report on audience engagement using multiple data sources and metrics
- Deploy reports using custom web controls, SSRS reports, Excel, etc.

comScore, Inc. (formerly M:Metrics, Inc.) – Seattle, Washington

PRODUCT OPERATIONS MANAGER, 2006 – 2008

- Populate client reporting interfaces for three MS SQL Server & ASP .NET-driven product offerings by combining multiple data sources, designing the necessary schema, scripting ETL processes, and working with measurement sciences team to maintain data quality
- Manage a team responsible for the collection, classification, and publication of market research data for the mobile sector, specializing in media consumption and advertising
- Set monthly schedule for inputs from other team members while coding custom tools to simplify or automate these contributions
- Provide support for client analytics team by developing schemata for reporting tools, populating these with transformed data, and creating custom reports using custom SQL queries and SSRS

Various contract positions – Houston, Texas

DATABASE DEVELOPER, 2005

- Develop ETL processes to warehouse data from Excel, Access, Oracle, and MS SQL Server sources
- Develop reporting interfaces for these data sources in Crystal Reports, Access w/ VBA, or ASP
- Optimize query performance by indexing and normalizing data
- Document underlying database schema and report logic

UTC Fire & Security – Houston, Texas

DATABASE ADMINISTRATOR & DEVELOPER, 2000 – 2004

- Maintain data integrity, query performance, and security for two production MS SQL Server 2000 installations for approximately 75 users along with associated test environments
- Assist development of custom C# applications by creating tables, views, and stored procedures as well as developing forms and interfaces in ASP

- Import and normalize data from flat files and propagate throughout system to ensure seamless transition of services
- Create reports using Crystal Reports, Access queries, and scheduled Data Transformation Services packages
- Serve as a functional/technical interface with end users to design software solutions that support business needs and train users as functionality expands

EDUCATION

Bachelor of Arts, English Literature
Rice University, Houston, TX
May 2000