



# Junior Data Architect

## About Blue Margin

Blue Margin, Inc. helps companies improve their business performance using Microsoft's Business Intelligence stack (including Power BI and SQL Server) and Cloud Computing software and services (Azure and Office 365). Our core company values are honesty, transparency, efficiency, continuous learning, and generosity. We believe in working hard, volunteering in our community, and enjoying life along the way.

## Why are we looking?

We are expanding our Microsoft Power BI team, and are looking for clever, creative, data-savvy people who are flexible and capable of putting themselves in the shoes of the client. Our growth means we are looking for people with great attitudes, who are fun to work with. It also means we provide an excellent opportunity for someone who is serious about learning and advancing their career.

The Junior Database Architect's role is to develop and maintain reporting databases using the Microsoft stack, primarily in Azure, ensuring high levels of data availability. They will also evaluate and advise on database technology components, such as software, hardware, and networking. Finally, the architect will assist in implementing and maintaining reporting dashboards across the organization.

## Responsibilities

- Maintain data warehouses
- Design and deploy data table structures, reports, and queries
- Diagnose and resolve database access and performance issues
- Assure security of data from external parties and for management of row-level-security within the organization
- Plan and coordinate backup and disaster recovery setup
- Develop, implement, and maintain change control and testing processes for modifications to databases
- Develop and maintain database stored procedures, views, and functions that support reporting data models
- Develop and maintain ETL processes
- Produce ad-hoc queries that develop reports to support business needs
- Create reports and data models using Power BI that meet business requirements
- Provide data management support to users
- Create and maintain technical documentation

## Our ideal candidate for this position MUST possess

- At least one year of development expertise in the Microsoft/SQL stack.
- T-SQL expertise

- Familiarity with cloud services (AWS, Azure (preferred), Google Cloud)
- Experience creating databases from the ground up
- In-depth understanding of data management (e.g. permissions, recovery, security, and monitoring)
- Comprehensive grasp of data visualization methods and data modeling for effective report creation
- Ability to construct and maintain data warehouses
- SSMS, SSIS, and SSAS expertise
- Experience with SSAS, Tabular-based reporting, and Tabular Data Models
- Experience creating charts, graphs, dashboards in one or more of the following programs - Excel, SSRS, Power BI, Tableau, Qlik and/or similar programs
- A broad understanding of data visualization methods and techniques
- Power Query ("M" language), and DAX language experience
- Solid presentation skills and the ability to present to audiences of 10-15 people
- Broad business experience with proficient ability to talk to execs in business terms
- Excellent verbal and written communication skills
- Willing to creatively engage with customers to come up with custom solutions
- Must possess ability to coordinate and work cohesively with a development team (no 'code-loners')
- Familiarity with Kimball methodologies of data warehousing
- Understanding of the difference between application database design and reporting database design

#### **Our Culture:**

- Company Core Values: Be Transparent, Be Positive, Be Efficient, Be a Learner, Be Generous
- We want our employees, customers, and community to thrive
- Our niche: We help companies win by making data meaningful
- Weekly personal and professional development programs for all
- Entrepreneurism -- we've been in business 7 years and want everyone on our team to be eager to adapt and evolve with our advancing business. We are looking for someone who is comfortable wearing more than one hat.

#### **Other Details**

- Fort Collins local office
- Generous benefit package: health, dental, vision, long/short term disability, matching 401K
- Our growth means we're looking for creative, flexible people with great attitudes, who are fun to work with. It also means we provide an excellent opportunity for someone who is serious about learning and has ambitious career goals.

NO PHONE CALLS - Please email your resume to [angela.tourney@bluemargin.com](mailto:angela.tourney@bluemargin.com).