



## [s] Cube Inc.

### **Job Description:** Senior Database Architect

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[s]Cube Inc. is a Technology Services company located in upstate New York. [s]Cube provides technical services to state and local government customers across the country to help automate their delivery of services to the public. Our specialties are the implementation and integrations of platforms in the areas of land-use permitting and licensing, court management, and tax and accounting. We also provide IT services in a more general capacity. Finally, we also provide high-end consultative project management and management consulting services to software companies which require such assistance. The [s]Cube team is seasoned in innovative IT delivery and is comprised of technical analysts, DBAs, data architects, project managers, business analysts, consultants, technical architects, agile developers, and cloud and IT specialists.

The **Senior Data Architect position** is a working role in our Database services team. The position reports to the Chief Operating Officer but also has a dotted line reporting to the Director of Technical Services and to the Database Lead.

The position is responsible for executing on data management services delivery for [s]Cube customers as a whole. More specifically, the position provides data analysis and data conversions services ( ETL) to migrate data from legacy platforms into more modern, web/SQL based systems. We seek to deliver these migrations efficiently and accurately, and to also develop streamlined methods to make future migrations simpler, faster and more cost effective. The position can also include significant SQL report writing, utilizing Crystal, MS-SSRS or Microsoft BI (or an equivalent), based on client needs and specifications, and in an efficient and accurate manner. Finally the position also involves analyzing SQL based database solutions for performance inefficiencies and design flaws and making suggestions for optimization and tuning of the overall performance and architecture.

[s]Cube uses an Agile/Scrum based approach, so familiarity with that development strategy will be helpful. Daily client meetings, regular check-ins and status reports, in-depth client requirements discussions, detailed user acceptance testing meetings, working demonstrations of the product, bug fixes, and data conversions work, are all part of the day-to-day activities required in the position. The successful Data Architect Lead is working hard every day to deliver hand-on services and also to oversee the database team's services as they support [s]Cube customers.

Our work environment is fast-paced providing rapid delivery for our business partners. Successful employees are those who enjoy learning, hard work, executing in a highly collaborative environment and who also value quality and driving client satisfaction. Because [s]Cube is a small and growing company, we also look for people with a strong desire to drive change as we dynamically grow our business, and who want to grow their career as the company expands.

### **Professional Requirements**

- Strong background in key technologies, including web-based client/server environments, network technologies, databases and related technologies



- 6-8 years of advanced SQL database experience, both in providing ETL activities and in assessing and analyzing databases.
- Proven ability to impress clients with responsiveness and technical prowess in the areas of database architecture and data transformation services, (ETL).
- Scripting and SQL skills, preferably with raw SQL capabilities and JavaScript or a similar technology. C+ or C# experience is a big plus.
- In-depth understanding of programming and software design
- Strong technical aptitude, and experience building and supporting web-based technologies will be essential.
- Flexibility and adaptability to adjust to a rapidly growing, dynamic environment
- A strong client service focus – willingness to go the extra mile for customers is essential.
- Ability to work independently with clients both in person and remotely, and to confidently represent [s]Cube and win client confidence while doing so.
- Excellent analysis skills
- Outstanding follow through and customer service
- Strong oral and written communications skills; ability to interact with management and co-workers
- Strong work ethic – some evening and weekend hours will be required
- Ability to adhere to strict deadlines
- Ability to juggle many priorities and to be able to provide accurate time estimates for work requests
- Ability to maintain strong relationships with client and technical team members, as well as with management.

### **Required Skills**

- Bachelor's degree with 6+ years of relevant work experience
- 6-8 years of proven work experience in delivering on technical projects, preferably in an Agile/Scrum environment.
- Experience in defining requirements and conceptualizing solutions on related projects or work assignments
- Exposure to/Knowledge of Agile development methodologies
- Ability to understand and deliver to detailed requirements documentation, in conjunction with clients and architect team.
- Demonstrated problem solving skills and the ability to work collaboratively with other stakeholders or team members to resolve issues
- Possess excellent written and verbal communication skills
- Strong and proven customer service skills and follow through.
- Strong facilitation, negotiation, and conflict resolution skills
- Ability to adapt in a dynamic work environment and make independent decisions
- Willingness to work in a fast-paced environment, handling multiple priorities
- Possess advanced knowledge of the tools and processes required by the role
- Solid individual performance, but will spend considerable portion of their time providing direction for others
- Share knowledge – ability to coach and mentor junior team members



**Technologies Involved:**

- Accela Permitting Platform and Accela Automation
- Muncity platform and related technologies
- Benchmark Court Management Software
- Crystal Reports, SSRS, Microsoft BI
- Oracle, SQL Server, SQL
- JavaScript