

Sr. Database Administrator – Reston, VA

FrontStream is looking for an experienced **Sr Database Administrator** to join our team in **Reston, VA**.

Company Overview:

FrontStream is the industry leading organization of SaaS fundraising solutions for non-profits. We provide an integrated, enterprise-wide fundraising platform for all your fundraising, auction, donor management, corporate social responsibility (CSR), and payment processing needs via our leading social innovation products.

Over 10,000 non-profit and corporate customers use our Intelligent Engagement Platform in the US, Canada, Australia, and the UK.

Position Overview:

FrontStream is looking for a senior database administrator who loves building large scale highly available infrastructure. The selected candidate will become a member of the Software Development Team and will report to the VP of Development. The selected candidate will be responsible for building and managing SQL/RDS and PostgreSQL databases in a cloud DB implementation, particularly AWS. In addition, the DBA will implement new and migrate existing databases to both RDS and EC2 solutions, including Aurora/Postgres and SQL Server with extensive experience with clustering and replica technologies. Database and SQL performance tuning will be a critical aspect of the job.

S/he will also be working very closely with the Data Architects and the Network Engineers. You'll be transitioning to cloud-hosted micro service infrastructure. You will provide technical expertise and data persistence standard methodology guidance to engineering teams as we create our devops platform of the future. The right candidate will need a keen eye for details and will play an integral role in the service with a pride of ownership for the stability and scalability of the data persistence layer. Candidates should enjoy tackling complex technical challenges with strong communication skills to coordinate changes across various and be self-motivated to push themselves in a team-oriented culture will thrive in our environment.

Responsibilities Include:

- Provide senior technical leadership and expertise in operating the data persistence layer
- RDS and PostgreSQL management
- Contribute in all aspects of planning, modeling, design, implementation, support, and performance optimization
- Develop tools to automate the deployment, administration and monitoring of data services
- Coordinate upgrades with the engineering and management and applying standard methodologies for minimizing impacts on service uptimes

- Administer the database services, ensuring daily/weekly maintenance routines are successful, optimizing application level SQL queries
- Oversee back-ups and audits to ensure that databases remain accessible, secure, and stable
- Enforce the highest levels of security and privacy are in place
- Work closely and cooperatively with engineering, security, technical operations, product management, program management, and all other partners
- Be available alongside your peers, off-hours, to support the production environment
- The Senior Database Administrator must be able to work independently, handling Database Administrator activities in a high-pressure environment.
- Ability to multi-task, prioritize and take accountability is a must.
- Responsible for database capacity planning/space management/entitlement management of the schemas, etc.
- Conduct Performance Tuning, Query Optimization Initiatives, and assist the team in troubleshooting and resolving performance related issues.
- Participate in Production implementation, deployments, planning, and migration.
- Perform the data Backup (export) and restore (import) for Development/Test Environments.
- Perform Terraform deployments of database instances/users/groups/Permissions.
- Excellent communication skills including the ability to interact with various stakeholders at different levels such as PMs, end users, developers, testers, etc.

What you need to succeed:

- Bachelor's in computer science or information systems equivalent four-year degree
- 5+ years overall DB experience
- Must have production database administration experience in a cloud environment, preferably Amazon Web Services (AWS).
- Expert at SQL database logical and physical design, administration, performance tuning, clustering, and replication
- Strong knowledge of database security concepts, capacity planning and disaster recovery
- Experience planning and executing on data migrations from data centers to cloud
- Knowledge and experience with Linux systems
- Experience creating, upgrading, and administrating database server instances.
- Ability to install, backup, restore, monitor, plan capacity, replicate, recover, tune performance, design, and troubleshoot.
- Experience administrating database accounts according to PCI and NPI security
- Experience in multi-node setup, clustering, and load balancing.
- Experience developing scripts using SQL, automating database tasks.
- Installation of software in stand-alone and replicated environments.

- Backup technologies, Enterprise Backup for full and differential.
- High-availability implementations.
- Task scripting, monitoring, and performance evaluation techniques.
- Diagnostic testing and in-depth troubleshooting.
- Must be a self-starter and be able to work on multiple complex projects.
- Experience with AWS S3 and RDS, Terraform is a big plus!
- Excellent communication skills (verbal and written) and interpersonal skills and an ability to effectively communicate with both business and technical teams
- Google Big Query and Tableau experience is a huge plus!

The company is headquartered in Reston, VA with offices in Cambridge, MA, Toronto, ON and West Melbourne, VIC, Australia.

Interested candidates should send resume, references, and salary history to: careers@frontstream.com with “**Sr DBA Reston**” in the subject line. No phone calls please.

FrontStream is an equal opportunity employer. The successful applicant will have proven eligibility to work in United States.