



**Job Title: Database Administrator**

**Company Overview:**

At Xillum, we are leaders driving healthcare innovation. Our product relies on a MySQL Database and HL7 interface engine to collect data from disparate data sources and transform it into a standard format. Our vision is to build our software into the premier data analytics platform for radiology and other targeted medical specialties so they can better understand and optimize cost, revenue and operational improvement opportunities, and patient experience/outcomes.

**Position Overview:**

The database administrator position will help manage impactful projects using technical skills and creativity. This team member will help design and build future functionality in our dynamic innovative product while maintaining/optimizing current client databases. The position has the opportunity to develop new skills or advance existing skills including healthcare and HL7 expertise. This position will work with a growing Xillum technical team and help manage a supplementary external team of developers.

**Required Skills:**

- A BA/BS/MS degree in Computer Science.
- 4+ years of experience working with MySQL
  - Proficiency in writing complex SQL queries
  - Configuring schema, index optimization, performance tuning
  - Managing backup and restore operations
- A desire to learn new skills, identify opportunities, work independently, and lead initiatives.
- Excellent problem identification, analysis and solving skills.
- A desire to identify opportunities, work independently, and lead initiatives.
- The ability to work well independently and as a team player.
- Excellent conversational and written communication skills.

**Preferred Skills:**

- Healthcare experience using the HL7 data standard and an interface engine such as NextGen Connect/Mirth.
- Experience with the full software development lifecycle and delivery using Agile practices.
- Experience operating in an AWS environment including Command Line Interface on Linux
- Familiarity with web application development skills including:
  - React and Node.js
  - HTML/CSS

**Reports To:** Chief Technology Officer (CTO).

**Expected Results**

- Optimize the existing MySQL database and queries to improve performance.
- Play a key role in new client implementations incorporating data into a MySQL database using a NextGen Connect/Mirth interface engine to process HL7, CSV, and REST API inputs.

- Work closely with our clients to understand their workflows, configure processes to collect data, transform their data into a standard format, analyze their data, troubleshoot data issues, and effectively communicate results to non-technical members of the client team.
- Assist internal/external team members with database development/optimization and data analysis as needed.
- Help recruit and build a highly effective internal development team.

**Metrics of Success**

- Quality work product, timeliness of client implementations, and value of client service as determined by client feedback.
- Development of proprietary, protectable and differentiated competitive advantages in the software as determined by patent, trademark and/or copyright filings and protectable trade secrets.
- Ability to work in a team as measured by achievement of team objectives/results and team accountability for errors/delays.