



1 in 4 people do not have access to electricity

We are an equal employment opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability status, protected veteran status or any other characteristic protected by law.

JOB DESCRIPTION: DATABASE ADMINISTRATOR

Job Location: Nairobi

Reporting to: Head of Software Engineering

Company Description:

d.light is a global social enterprise aiming to improve the lives of the two billion people in the developing world that live without access to reliable energy. We provide distributed, affordable solar energy solutions for households and small businesses that are transforming the way people all over the world use and pay for energy.

d.light innovations have led and shaped the market since 2007 when it introduced what was then the world's most reliable, affordable solar light. With an expanding product range currently distributed in 15,000 retail outlets in over 60 countries to over 85 million customers, we are manifesting our vision for the future of energy.

d.light believes the most successful energy supply solutions in the developing world will be distributed and renewable. Demand for reliable, affordable power is vast and growing exponentially with rising consumer incomes. Rapid technology improvement is enabling higher performance, lower cost solutions than ever before.

A key development in these emerging energy markets is the rise of the pay-as-you-go (PAYG) business model. This suite of technology solutions enables remote control of products, allowing customers to pay for expensive assets over time while simultaneously protecting the investments of the companies and investors in the space. If given the opportunity, customers in these developing markets have proven willing and able to pay small amounts over time to purchase large energy assets well beyond prices previously considered feasible. d.light considers PAYG technology an important enabler of energy access across the world and continues to invest in strengthening this business offering within d.light.

By successfully filling this position, you will be joining the software team responsible for Atlas, d.light's proprietary PAYG software suite. We are a dynamic, multinational team dedicated to



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providing the best service and technology to customers all over the world. We think big, tackle new challenges and build quality products every day.

Position Description:

As a **DBA** you enjoy building functional and robust database schemas, tables, views and other related functions. You have strong opinions based on experience on which strategies to employ on and you know which mistakes to avoid.

Good data architecture is something you live by and you have the right mind to decide when to use additional tools and frameworks and when to write from scratch.

R&Rs:

- Solutions-oriented thinking; always looking for the smart solution to a problem rather than jumping at the first answer
- Lead database strategy; know what type of engine to use, strategy to adopt (Sharding, Partitioning, Clustering etc), and overall data modelling strategy
- Execute in a hands-on capacity alongside the team on projects and day-to-day technical work
- Operate with agile methodologies
- Participate in design, development and deployment of API's and/or microservices to integrate across multiple new and existing applications, from a database perspective
- Collaborate with front-end developers and other team members to establish objectives, design and deliver cohesive business systems and enhanced user experience
- Advise Management on Long-Term Capacity Plans and Growth
- Analyze Impact of Database Changes to the Business
- Most importantly, lead the development of a large scale data warehouse/lake for the business.

Desired Skills and Experience:

- Show us why you are suited for this position, rather than just tell us
- 4+ years working within a data intensive unit
- Expert Level understanding of structured query language (SQL)
- A passion for staying on top of industry trends and technologies



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- Extensive experience with relations Database (PostGres, MYSQL, Oracle, MSSQL or other)
- Experience optimizing and refactoring database scripts
- Strong problem solving and troubleshooting skills with experience exercising mature judgment
- A desire to be personally responsible for production-level databases
- Professional, precise communication skills
- Working knowledge of GIT / Bitbucket
- Writing non-blocking queries, and resorting to advanced techniques such as CTEs, Events, Triggers etc when needed
- Experience with cloud environment apps (AWS, Google, etc)

How to Apply:

Interested candidates should submit their CV and cover page to hr.africa@dlight.com

