



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: DEVOPS ENGINEER

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



1 in 4 people do not have access to electricity

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Position Description:

As a DevOps Engineer, you will be responsible for supporting and maintaining the core components of our financial platform and scale it to serve millions of users and transactions across the world. The technical scope of the project is broad and leverages a variety of cutting-edge commercial and open source tools to get the job done.

R&Rs:

- Drive all application-level aspects of the company's SaaS operations.
- Build, deploy, analyze, troubleshoot and scale the service wherever and whenever.
- Collaborate closely with Engineering and Data Scientists on all architectural decisions and stay current on nascent technologies to make influential recommendations.
- Operate very large relational (and NoSQL) databases, queuing systems, pub-sub servers, and other core infrastructural components.
- Be the key integration engineer while integrating with Telcos/MNOs/VAS providers and such. Integrations include but are not limited to VPN, VPC, Custom.
- Own the monitoring infrastructure at the infrastructure, OS and application levels, and help define the reporting and remediation of the same.

The Person:

As a DevOps Engineer, you enjoy working systems and iterating to keep systems performing at maximum efficiency. You are driven to maximize infrastructure and excited to learn about new frameworks, approaches and methodologies. You obsess about availability and won't stop at "good enough" in any circumstance.

Desired Skills and Experience:

- Expert knowledge in AWS and/or Google Cloud Platform ecosystem (EC2, S3, RDS, ELB, Elasticache, VPC, VPN)
- Proficiency in Cloud and Application Security, and Certification (ISO-27001, SOC 1, SOC 2)
- You're a coder and are comfortable working with software engineers/architects
- Experience with CI/CD build, deployment and test tools (Jenkins, Gradle, Artifactory, Selenium, Terraform, etc.)
- Experience with scripting languages such as Bash, Python, Ruby, and/or JavaScript
- Configuration management tools such as Ansible, Chef, Puppet, etc.
- Strong desire to automate everything
- An understanding of application deployment patterns and best practice DevOps with CI/CD



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- Demonstrated commitment to code quality, documentation, and test automation
- Infrastructure and service monitoring and logging experience
- Good knowledge of Unix Administration/Scripting
- Good knowledge of Build Deployment tools like Maven/Ant, etc.
- Experience with product management tools and software, prior experience with Atlassian is an advantage
- An ability to describe technical details to both engineering and non-engineering audiences
- Business driven, people focused, with exceptional influencing skills; excellent organizational, multi-tasking, presentation and time-management skills
- Passion for social enterprise, development of people and environmental benefits

How To Apply:

Candidates who meet the above requirements should email a Cover Letter and Resume to **hr.africa@dlight.com** before **31st May 2021** quoting the job title in the subject.

