



*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: ANDROID ENGINEER**

**Job Location:** Preference for Nairobi but also open to other locations

**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 Senior Android engineer you will be responsible for the development and maintenance of applications aimed at a vast number of diverse Android devices. Your primary focus will be the development of Android applications and their integration with back-end services. You will be working alongside other engineers and developers working on different layers of the infrastructure.

### **R&Rs:**

- Design and build advanced applications for the Android platform
- Collaborate with cross-functional teams to define, design, and ship new features
- Work with outside data sources and APIs
- Unit-test code for robustness, including edge cases, usability, and general reliability
- Work on bug fixing and improving application performance
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency

### **The Person:**

As a Senior Android engineer you will be responsible for the development and maintenance of applications aimed at a vast number of diverse Android devices. Your primary focus will be the development of Android applications and their integration with back-end services. You will be working alongside other engineers and developers working on different layers of the infrastructure. Therefore, commitment to collaborative problem solving, sophisticated design, and creating quality products is essential.

### **Desired Skills and Experience:**

- Show us why you are suited for this position, rather than just tell us
- Deeply experienced in Java and object oriented programming including design patterns
- Significant work experience and/or relevant educational background
- Experience with unit testing and continuous integration
- Proven working experience in Android app development
- Experience publishing Android apps on the Play Store
- Experience with Android SDK
- Experience working with remote data via REST and JSON
- Experience with third-party libraries and APIs
- Working knowledge of Firebase, Retrofit, Butterknife is an added advantage



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- Working knowledge of the general mobile landscape, architectures, trends, and emerging technologies
- Good understanding of popular programming paradigms (e.g. object oriented, functional programming)
- 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:

Qualified candidates should send a Cover Letter and their CV to [hr.africa@dlight.com](mailto:hr.africa@dlight.com) before 15<sup>th</sup> December 2018.

