

# Back-End Developer

## Job Description

### Executive Summary

GreenLITE™ is a registered trademark of Greenlite Concept Systems Services Nigeria, fully incorporated with the corporate affairs commission (CAC) Nigeria. We are located in the Federal Capital Territory and currently operate within the electric utility industry in four states; Kogi, Nassarawa, Abuja and Niger state.

We are regulated by the National Electricity Regulation Commission (NERC) of Nigeria and are compliant with their standards and procedures while conducting our business. We conduct business by innovating value, empowering our customers to exploit such values through technology, measuring the results and benefits of our value to the customer and keeping a smile on the faces of our customers.

### Our Vision

Our vision is to bridge the gap between energy providers and all tiers of consumers by offering flexible and convenient systems capable of enhancing customer experience, ensuring accountability and improving market growth.

### Our Values

We believe in honesty, transparency and integrity. We pride ourselves in delivering our services efficiently to guarantee customer satisfaction. We operate with excellent work ethics and our code of conduct ensures respect for people and compliance with all relevant legislation and regulations.

### Our Products

Our products were designed with customer inclusion in mind. Our research and development team took the penetration rate of mobile and internet in Nigeria into consideration and didn't neglect the large percentage of customers who have limited access to data or mobile devices. Our products include;



### **greenlite.com.ng**

greenlite.com.ng is a native built, robust web application that enables users to purchase electricity units (eunits) online seamlessly. This platform is custom designed to accommodate plugins and API's across all programming languages. It is hosted on a secure apache server and backed by geotrust SSL to ensure the safety of our users' data and transactions. Our Financial clearing house and resolution centre is provided by Paystack® which is currently the best payment resolution platform in Nigeria.

### **greenLiTE Mobile App**

We are currently testing our mobile application which will be launched soon to better serve our fast growing customer base. This application will further improve customer experience. It will be available on android and IOS users.

### **greenLiTE USSD ®**

Our dedicated USSD (unstructured supplementary service data) code caters for offline customers who either have limited access data or smartphones. The USSD code was designed with a simple 3 step procedure for validation, payment and vending of e-units. It is available and can be implemented across all telecommunication networks in Nigeria.

## Summary of Position

We are looking for a Back-End Web Developer responsible for managing the interchange of data between the server and the users. Your primary focus will be development of all server-side logic, definition and maintenance of the central database, and ensuring high performance and responsiveness to requests from the front-end. You will also be responsible for integrating the front-end elements built by your coworkers into the application. A basic understanding of front-end technologies is therefore necessary as well.

Key responsibilities include:

- Integration of user-facing elements developed by a front-end developers with server side logic
- Building reusable code and libraries for future use
- Optimization of the application for maximum speed and scalability
- Implementation of security and data protection
- Design and implementation of data storage solutions

## Skills and Qualifications

1. Basic understanding of front-end technologies and platforms, such as JavaScript, HTML5, and CSS3
2. Good understanding of server-side CSS preprocessors, such as LESS and SASS
3. Understanding accessibility and security compliance associated with the finance and utility industry
4. User authentication and authorization between multiple systems, servers, and environments
5. Integration of multiple data sources and databases into one system
6. Management of hosting environment, including database administration and scaling an application to support load changes
7. Data migration, transformation, and scripting
8. Setup and administration of backups
9. Outputting data in different formats
10. Understanding differences between multiple delivery platforms such as mobile vs desktop, and optimizing output to match the specific platform
11. Creating database schemas that represent and support business processes
12. Implementing automated testing platforms and unit tests
13. Proficient knowledge of a back-end programming language ( PHP, MySQL, Python )
14. Proficient understanding of code versioning tools, such as Git



15. Proficient understanding of OWASP security principles
16. Understanding of “session management” in a distributed server environment
17. Understanding of preferred backend framework ( Lavarel ). Other frameworks are also considered.
18. BSc. in Computer Science, Engineering or similar field is required

## **Compensation**

Negotiable upon experience.

## **To Apply**

Please submit your resume discussing your qualifications and interest in this position electronically to [jobs@greenlite.com.ng](mailto:jobs@greenlite.com.ng). Ensure that the subject line of your email is **CUSTOMER SUCCESS OFFICER- 5062920**.