

# Obinna Nnenanya

DevOps Engineer at Eko-Konnect

## EXPERIENCE

### **Eko-Konnect, Lagos - Nigeria, — DevOps Engineer**

January 2020 – Present

Team lead overseeing the design and development of a national repository and research data management system for Nigeria; Interfacing with the international partners in the development of open scholarly communication infrastructure; Plan, develop, and support cloud-based IAM architecture to provide a secure and privacy-preserving trust fabric for research and higher education institutions and their service provider partners; Develop tools for automation of tasks and integration of other central IT services.

### **BriteCore, Missouri - USA, — Software Engineer**

(Contract)

April 2019 – December 2019

Given an overall organization restructuring to adopt the Scaled Agile Framework, I was assigned several roles ranging from improving overall code test coverage, to helping onboard new clients and implement custom features as well as develop in-house tools to boost productivity of support staff, developers and even senior level management.

### **Namely, New York City - USA, — Data Engineer**

(Andela's partnering company)

March 2018 – September 2019

Building Data pipelines and warehouse, ETL processes, Data analysis, Data query optimization, Building Data schemas and stored procedures, Creation of design docs, Code reviews, Data workflow.

### **Mozilla, San Francisco - USA — Backend Developer**

(Andela's partnering company)

July 2017 - October 2017

Worked on Mozilla's internal release software (Balrog) where I built API endpoints that are utilized by the client-side for historical data analysis and point-in-time data representation.

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Lagos

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## SUMMARY

I have ample experience in software development with interests in web and mobile applications, project management and data engineering. I am also passionate about code mentoring; grooming students into world-class developers. I believe in excellence, passion, integrity and collaboration.

## SKILLS

Agile Methodologies, Version Control, Project Management, Communication, Remote teamwork, Database management, Data analysis, Mobile app development (React Native), Online coaching/mentorship, TDD.

## STACKS

Python, Javascript, Scala,  
Databricks,  
SQL,  
React, Django and Flask,  
D3js, Nodejs,  
MongoDB, PostgreSQL, Looker,  
Apache Airflow,  
Apache Solr,  
Apache Spark

## AWARDS

Saucecode Pioneer Winners

Team WeVote: We built a citizen mobilisation app for Nigerian elections.

<http://wevote-ng.herokuapp.com/>

## **Code For Africa**, Nairobi – Kenya — *Backend Developer*

(Andela's partnering company)

July 2017 – September 2017

Worked on CKAN, an open-source data portal platform. It was mainly bug fixing and code optimization.

## **Andela**, Lagos - Nigeria — *Software Developer*

April 2017 – September 2019

Work effectively with design teams to ensure software solutions elevate client-side experience, Modify existing software to fix bugs, upgrade interfaces and improve performance, build elegant web and mobile apps.

## **EDUCATION**

### **National Open University**, Nigeria — *PGDE Education*

January 2013 - December 2013

### **Nnamdi Azikiwe University**, Nigeria — *B.Sc Biochemistry*

January 2003 - August 2007

Students' Academic Director 2005,

Class Rep 2006,

Final Year Coordinator 2007.

### **Agulu Grammar School, Agulu**, Nigeria — *SSCE*

August 1996 - June 2002

Deputy Senior Prefect,

President - Anglican Students Association of Nigeria.

## **FUN PROJECTS**

### **WeVote** — *Citizen Mobilisation App*

<http://wevote-ng.herokuapp.com/>

### **Force Directed Graph of State Contiguity**

*Data Visualisation with D3*

<https://codepen.io/obinnaeye/full/JbLvVJ/>

### **Video Streaming with Twitch**

*Web crawling*

<https://codepen.io/obinnaeye/full/EypJBy/>

### **Global Meteorite Landings**

*Data Visualisation with D3*

<https://codepen.io/obinnaeye/full/PbBWmM/>

## **LANGUAGES**

Igbo, English, Hausa

## **HOBBIES**

Playing guitar (Bass guitar)

Playing table tennis

Learning new stuffs

Talking to young people

## **LINKS**

<https://about.me/nnenanya>,

<https://ng.linkedin.com/in/kingobi>,

<https://github.com/obinnaeye>

## **Doping in Professional Bicycle Racing Data**

*Visualisation with D3*

<https://codepen.io/obinnaeye/full/PbErBQ/>

## **Monthly Global Land-Surface Temperature**

*Data Visualisation with D3*

<https://codepen.io/obinnaeye/full/XNZpZL/>

## **Game of Life**

*Effects of overcrowding vs loneliness on life*

<https://codepen.io/obinnaeye/full/xEJzao/>

## **Tic-Tac-Toe Game**

*Algorithm Exercise*

<https://codepen.io/obinnaeye/full/ozjWgV/>

## **Digital Calculator**

*Application of Javascript in general sciences*

<https://codepen.io/obinnaeye/full/Vjoqzj/>

## **Simon Game**

*Memory exercise*

<https://codepen.io/obinnaeye/full/mAPxjW/>