

# McWilton Chikwenengere

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## **Senior Python/Django Developer**

Experienced lead developer with over 13 years of expertise in designing, developing, and maintaining complex web applications and REST APIs. Proven track record of building scalable solutions that handle loads of requests per day. A growing lead developer who loves to mentor and share his experiences and knowledge gained through the years in software development. Proficient in full stack development with Python, Django and JavaScript, and Agile methodologies. Adept at collaborating with cross-functional teams to deliver high-quality applications.

**Key Skills:** Python, Django, Flask, React, DBs, Git, Docker, SQL, APIs, AWS, Spark, CI/CD, Terraform.

## **EXPERIENCE**

### **Schlumberger — Senior Python Engineer**

January 2022 to July 2023

- Developed Python-based Data Analysis dashboards using Django and SpotFire to help our oil industry clients with data visualization and insights for decision-making processes.
- Developed data pipelines to facilitate seamless data transfer from PostgreSQL databases to Dataiku platform.
- Data cleaning and transformation processes within Dataiku to ensure data quality and development and testing ML models.
- Integration of processed data from Dataiku into Spotfire for advanced visualization and analysis.
- Created robust REST APIs and scripts for seamless data importation and manipulation with integration platforms like Spak, DataIku and Petrel, ensuring efficient data management.
- Optimized performance and deployed interactive dashboards, improving accessibility and user experience for our client's teams across their organization.

### **BCM Holdings, Inc — Lead Python/Django Developer**

January 2019 to December 2021

- Led the team for the design and implementation of an investor wallet, enabling seamless capital deposits and earnings withdrawals and security for over 10,000 investors/users.
- Streamlined cross-border payment processes, resulting in faster and more convenient earnings transfers for a global network of investors.
- Designed and executed advanced cryptocurrency trading algorithms, optimizing investment holdings and enhancing profit margins.
- Mentored and guided junior developers, fostering skill growth and a cohesive team dynamic.

### **Senior Developer — Badala**

December 2014 to December 2018

- Pioneered the development of a mobile payment gateway for online merchants, introducing a secure and convenient transaction ecosystem for 42 African countries.
- Designed and executed a versatile Wallet feature, facilitating seamless sharing, receiving, and online payments for users.
- Engineered a robust API empowering users to process payments using mobile money and cards, manipulate data, and introduce new functionalities.
- Took charge of the platform's security measures, implementing SSL protocols and effectively managing server infrastructure.

- Mentored and guided junior developers, contributing to their skill development and fostering a collaborative team environment.

## **Web Developer — Headhunters**

August 2010 to June 2013

- Website hosted 30,000 job seekers and 5000 daily applications.
- Successfully conceptualized, developed, and launched a professional company website, effectively for job recruitment.
- Innovated the creation and implementation of a streamlined recruitment application, revolutionizing the application process for thousands of potential candidates.
- Employed Python, CSS/HTML, and JavaScript to craft engaging and user-friendly web experiences.
- Collaborated with cross-functional teams to gather requirements, ensuring alignment with business goals and design aesthetics.
- Contributed to enhancing the company's online presence and attracting top talent through effective website design and functionality.

## **EDUCATION**

**University of Texas** — Bachelor of Science, Computer Science  
January 2006 to January 2009

**University of Texas** — Post Graduate Certificate in Data Science  
May 2022 to Present

## **More skills**

AWS (EC2, S3, RDS, Lambda, CloudFront, API Gateway, Beanstalk, etc)

REST APIs, Swagger, DjangoRESTFramework, Redis, RabbitMQ, Celery

Java, PHP, React\*, Javascript\*,

Data Engineering/ Analysis - Integration/Pipelines/Snowflake, SpotFire/DataIku

Cross-functional Collaboration/ Problem-solving and Troubleshooting

## **Github:**

<https://github.com/eltontundudev>

## **Current Projects:**

<https://axisremotework.com>

<https://signallab.pythonanywhere.com>

<https://simcat.pythonanywhere.com>

## **Fun API Projects**

<http://infludom.pythonanywhere.com>

<http://getpaipi.pythonanywhere.com>