

SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

MEDHERD

LEAD SOFTWARE & DATA ENGINEER

August 2019 - Present

- Designed and implemented a recommendation system using a machine learning model called content-based filtering. This improved our user engagement by 50%.
- Built and deployed an information retrieval system using TextRank to summarize whole texts of information on health care apps into a summary for medical practitioners.
- Prepared a data tracking plan for our web apps, to track events across all our services. Ensured consistency in our metrics and KPIs.

ENTERFIVE

SOFTWARE ENGINEER

April 2018 - May 2019

- Implemented service workers to improve **offline** support for browsers in developing areas, thus increasing engagement in our PWAs.
- Improved read-time of data on the client apps by 40% by utilizing a NoSQL database.
- Leveraged **WebRTC** in implementing a scanner for detecting QR codes in our PWAs.

EDUCATION

UDACITY

MACHINE LEARNING ENGINEER

2019 - 2020

- Utilized Convolutional Neural Networks (CNN) in building image classification services.
- Built a plagiarism detector utilizing an LSTM (an RNN) and deployed it to AWS.

FEDERAL UNIVERSITY OF TECH, OWERRI

ELECTRICAL ELECTRONICS ENGINEERING

2013 - 2019

- Collaborated in founding the Google Developer Group (now DSC).

PROJECTS

- [Is This Jollof?](#) - An app that classifies if food is jollof rice or not. Built a Convolutional Neural Network using TensorFlow and deployed to GCP AI Platform.
- [Threadspeaker](#) - A Twitter bot that converts tweets to audio. Built on GCP, it makes use of Text-To-Speech synthesis to generate audio of tweets.
- [COVID-19's Rt \(Nigeria\)](#) - A data-centric approach to calculate the effective reproduction rate (Rt) of the coronavirus in Nigeria.
- [Cloud Functions Boilerplate](#) - Get started quickly with Google Cloud Functions.

SKILLS

Python, Javascript, SQL, Scikit-Learn, Machine Learning, Google Cloud Platform, AWS, Data Analysis