

# Osagie Eboigbe

Data Scientist

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## SKILLS

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**Programming Languages** Python, Groovy, Java, SQL, JSON

**Cloud Platforms** AWS, Azure

**DevOps and CI/CD** Jenkins, Terraform, Ansible

**Machine Learning and Data Science** Machine Learning, Data Science

**Containers and Orchestration** Docker, Kubernetes

## EXPERIENCE

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### Lead machine learning (Speech/NLP)

Dec '21 — Present

Octave Analytics

Lagos, Nigeria

- Part of the Research and Development(R&D) team that serves over 5 million people requests daily.
- Followed the Agile model and worked extensively in Python, Postman, Docker, Kubernetes and Azure technologies for deployment.
- Used Machine learning to train and build extensive Language models for Reverie API improvement and build IVR Bots for Reverie Voice suite.

### Research Data scientist

Nov '18 — Dec '21

Muster data limited

Lagos, Nigeria

- Ability to use google cloud platform for deployment of machine and understand Kubernetes and kubeflow and also use Microsoft Azure for machine learning
- Conduct data regression analyses of relationship between company stock prices and industry trend achieving 15% more accurate prediction of performance previous years Utilize web scraping techniques to extract and organize competitor data
- Developed and Deployed multiple chatbots from scratch which helped to increase in revenue growth by 30%

### Data analyst

Nov '14 — Nov '18

Eko Electricity Distribution PLC

Lagos, Nigeria

- Identifying data analytics problem that offer greatest value for organization.
- Getting to know most appropriate datasets and variables , Generated database design to highest level of scalability and performance and Working with unstructured data like video and images.

### Mill Engineer

Aug '99 — Jun '14

Dangote Flour Mills Plc

Lagos, Nigeria

- Assembling of machine in mill and Plan, organize and execute flour mill based on production requirements.
- Organize department and delegate responsibility for particular phases of Rolling Mill engineering work so as to ensure orderly processing of rolling mill contract sand rolling and achieve milling capacity to best ability possible

## PROJECTS

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Prediction of disease & pesticides using image processing of unhealthy crops

- An attempt to solve the issues faced by our farmers
- Application to detect the disease affected unhealthy crop by just clicking the image of the leaf of that plant and then using CNN (TF+Keras) model made from scratch(accuracy 95%) connected to Application developed using flutter will show the Confidence, Disease and Pesticides recommendation to cure the disease.

Disease prediction using machine learning

- Online tool to predict the diseases of a person by providing various types of symptoms
- We used two types of algorithms viz. Naive Bayes and Decision tree for classification of classes to predict the disease.

Deploying Infrastructure for Web Application on Amazon EKS

- Used Kubernetes services on Cloud to launch Web Application with Load balancer i.e. Amazon Web Service EKS to link Wordpress Application with auto-scaling.

Automation using Kubernetes from Developer to Production System for CI/CD

- Used docker and Jenkins for Automation of the complete Job chain between Developer, Quality Assurance Team, and Production Team.
- It creates Kubernetes resources like Pods, ReplicaSet, Deployment, PVC, and Service in the place of Docker to perform CI/CD.

## CERTIFICATIONS

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[Microsoft Certified Azure AI Engineer](#)

Microsoft

Jul '22

AWARDS

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**Winner - Coding Premiere League and Hackathon**

**Data Science Mentor - TechTable and Student CodeIn tech**

**Best staff certificate of production**

Dangote flour mlll plc

VOLUNTEERING

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**Event Lead**, Computer association of Technical Trends

**Founder**, Trainings&Internships Community

EDUCATION

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<b>Chemical Engineering in (Chemical Engineering)</b> , University of Benin	Aug '93 — Dec '98 Benin City, Nigeria
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- Pedicction of financial market using deep learning and machine learning

<b>Master in Financial Engineering in Master of Financial Engineering</b> , Worldquant University (GPA: 87%)	Sep '17 — Oct '19 New Orleans, United States
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- Data Science Project: Financial Market Analysis Using Machine Learning