# **David Nene**

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Github: <a href="https://www.github.com/davidnene">https://www.medium.com/davidnene</a> | Nairobi, Kenya

About me:

I am a software engineer with a great interest in developing AI software products. My goal is to collaborate with peers of similar interest in solving socio-economic challenges, especially in Agriculture, Finance, and Education through research, software, and artificial intelligence. I have competent skills in data structures & algorithms, object-oriented programming, frontend and backend engineering, data engineering & machine learning. Technology tools include; C, Python, Javascript, React js, Ruby, Ruby on rails, and SQL. I work well with teams and am also good at leadership and project management (Agile framework).

#### DIGITAL SKILLS

# **My Digital Skills**

**Software Engineering** 

HTML5/CSS, Javascript | React js | Ruby | C | Linux | Git | Github | Ruby on rails

**Machine learning** 

SQL | Ms Excel | Python (NumPy, Pandas, Scikit-learn, TensorFlow, Spacy) | Al and Deep Neural Networks

**Project management** 

Effective team player and leader | Software Development Lifecycle and Agile Methodologies Scrum

### PROJECTS

### **Technical Articles**

#### **Key Steps in Microsoft Tech Recruiting for Africa**

https://alliance4ai.medium.com/key-steps-in-microsoft-tech-recruiting-for-african-talent-dd2bf37a4391

### **Array Manipulation in Javascript**

https://medium.com/@davidnene/array-manipulation-in-javascript-acf0d2bc4843

# **Museum Art Gallery App**

## https://github.com/davidnene/museum-art-gallery-app

This app allows users to view Art Institute of Chicago Museum art images and give a rating to each artwork.

Backend: Ruby (deployed on Heroku) Frontend: React js (deployed on Netlify)

### **Shop Sasa App**

### https://github.com/davidnene/ShopSasaApp

Front-end development of a shop app.

React is and Bootstrap.

#### **Poesy App**

#### https://github.com/davidnene/Poesy

Front-end development of an app that allows users to add poems.

React js

### **Customer Conversion Deep Learning model - Tensorflow**

### https://github.com/davidnene/Al Diploma-AICE ASTIS/tree/main/Customer conversion project

A fully functioning high accuracy deep learning model that can be able to predict whether a customer will convert or not.

Python

### Monty

# https://github.com/davidnene/monty

Monty is a scripting language that is first compiled into Monty byte codes (Just like Python). It relies on a unique stack, with specific instructions to manipulate it. The goal of this project is to create an interpreter for Monty ByteCodes files.

C language.

### Simple Shell

#### https://github.com/Peinah/simple shell

The shell is the Linux command line interpreter. It provides an interface between the user and the kernel and executes programs called commands. For example, if a user enters **Is** then the shell executes the **Is** command.

C language

#### WORK EXPERIENCE

08/2020 - CURRENT - Kenya

**PROJECT LEAD - ALLIANCE4AI** 

I help in developing and managing AI resources used in various chapters for educational purposes. We have chapters in Kenya, Tanzania, Rwanda, Nigeria, and recently the USA

02/2019 - CURRENT - Kenya

**DATA SCIENTIST - ADVERNET AFRICA** 

Handle all phases of research projects from data collection to generating insights and reporting. Delivered more than 10 research projects with over 90% feedback scores from clients.

11/2021 - 02/2022 - Nairobi, Kenya

**TECH PROFESSIONAL - LIQUID INTELLIGENT TECHNOLOGIES** 

Monitored and analyzed student-users of a MOOC platform. Generated insights and reported on user interactivity which helped the project team to improve their delivery.

## EDUCATION AND TRAINING

02/2022 - 03/2023

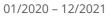
SOFTWARE ENGINEERING - BACKEND SPECIALIZATION - ALX-Holberton School

05/2022 - 11/2022

FULL STACK SOFTWARE ENGINEERING - Moringa School

08/2021 - 05/2022

GENERAL ARTIFICIAL INTELLIGENCE DIPLOMA - NEURAL NETWORKS SPECIALIZATION - AICE



# **DATA SCIENCE | MACHINE LEARNING - WorldQuant University**

09/2015 - 12/2019

**B.A ECONOMICS – Kenyatta University** 

# REFEREES

Available upon request