

David Nene

Nationality: Kenyan | (+254) 0725086023 | davienesh4@gmail.com |

Github: <https://www.github.com/davidnene> | Medium: <https://www.medium.com/davidnene> | 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) | AI 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 js 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/AI_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 **ls** then the shell executes the **ls** 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

01/2020 – 12/2021

DATA SCIENCE | MACHINE LEARNING – WorldQuant University

09/2015 – 12/2019

B.A ECONOMICS – Kenyatta University

● **REFEREES**

Available upon request
