

Zoe Mwangi
Web Developer

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SUMMARY:

Results-driven and detail-oriented software developer with experience completing supervised and unsupervised coding projects in various languages, including Python, SQL, HTML, JS and CSS.

Recently completed a rigorous full-stack development course with two major projects.

Proven ability to work independently and collaboratively to meet project objectives and exceed client expectations.

EXPERIENCE:

IT Career Switch – Full Stack Engineer Program

October 2023 – Current

London, UK

[Interactive Map](#)

- Designed and programmed a dynamic map website with bootstrap, HTML, CSS and JS
- Extensive API integration and various user-oriented features

[Company Directory](#)

- Created a CRUD application to operate a company directory, using HTML, CSS, Javascript and jQuery languages as well as managed its data using PHP, MySQL and AWS relational database.
- Created a second version using ReactJS.

AiCore Data Science Bootcamp

London, UK

December 2022 – October 2023

[Computer Vision Rock-Paper-Scissors Projects](#)

- Trained a computer vision model that detected gestures in real-time.
- Created a Python script to apply the programming logic using the Tensorflow API and OpenCV

[Modelling Airbnb Listings](#)

- Performed data cleaning on an Airbnb dataset (using Pandas)
- Trained, compared & evaluated classification (category classification) and regression (tariff/nightly price prediction) machine learning models.

[Multinational Data Centralisation](#)

- Created a system that extracts and cleans retail data from a multitude of data sources and loads the data into a Postgres database.
- Developed a star based database schema to make the data easy to analyse and performed some analysis of the data using SQL.

EDUCATION:

AiCore Data Science Bootcamp

December 2022– October 2023

Modules include Data Engineering, Data Science, Machine Learning Engineering, MLOps

Vrije Universiteit, The Netherlands

September 2019 –

February 2020

Diploma

Cancer Immune Personalised Therapies

Maastricht University, The Netherlands

October 2017 – July 2020

BSc Biomedical Sciences

Modules include Statistics level 1–3, Systems Biology, Introduction to R.

SCLP Samaj A levels

September 2014 – July 2016

A-Levels – Economics, Biology, Physics, Chemistry, Maths

CORE SKILLS AND COMPETENCIES

Software

Data, AI and databases

Python

Tableau

Javascript / ReactJS

MS Excel

HTML

Pytorch

CSS

Scikit

MySQL / PostgreSQL

PGAdmin

Tensorflow

Git

AWS Relational Database