Benard Kipngeno

LinkedIn

Git-hub

Email Address

 Upwork

+254-797-144-246

SUMMARY

I am an objective and results-driven full stack developer with 3+months experience dedicated to building and optimising user-focused websites. I am astute and creative when crafting effective websites and platforms to propel a competitive advantage and revenue growth. I am also technically proficient and an analytical problem solver with strong background in statistics and data science as well as highly skilled in architecting scalable cloud solutions.

WORK EXPERIENCE

Full stack Developer
March 2022 – present

- Personal Web Development projects
  - React-Company Portfolio
  - Building a complete website for car sales using React for front-end and Django for Backend.
  - Social App project using Django and React
  - Project in progress; Building AsiliTech Website for learning.
  - E-commerce React Project

AWS Cloud Practitioner
March 2022 – present

- Provisioned AWS Core services that include;
  - Elastic Compute Cloud(EC2)
  - Simple Storage Service(S3)
  - Relational Database Scaling(RDS)
  - Elastic Load Balancing(ELB)
  - Auto-Scaling

AWS Cloud Developer
March 2022 – November 2022

- Provisioned AWS Core services that include;
  - Hosting static website
  - Deploying Application to Cloud **Udagram Image Filtering Application**
  - Refactoring monolith application into microservices
  - Developing and deploying Server-less app

AWS Cloud DevOps Engineer
March 2022 – Feb 2023

- Provisioned AWS Core services that include;
  - Hosting static website

- Deploying Highly available Application using cloud Formation
- Building CI/CD pipelines to **Give your Application Auto-Deploy Superpowers**
- Operationalize a Machine Learning Micro-service API

Volunteer Data Analyst Trainer

University of Nairobi: *March 2021 – May 2022*

- Data Analysis with R programming trainer

  - Introduction to Data Analysis and data science for beginners by covering data wrangling, data manipulation using dplyr, data visualization using GGPLOT2 in integration with plotly, descriptive and Inferential statistics, generating dynamic reports with RMarkdown.
  - Worked on predicting survival on the Titanic using the Titanic Dataset, using logistic regression.
  - Worked on sales revenue Dataset to determine the best platform to invest in advertisements between YouTube, Magazine and Television.

- Excel Trainer

  The scope of the program was covering the following;

  - Data Entry, Data Cleaning and Data management, Conditional formatting, Data Visualization, Data/statistical Analysis using Data Analysis toolpak, H-LOOKUP, V-LOOKUP, Pivot tables, Dashboards, Data validation.

- MySQL for data analysis

  The training program covered the following;

  - Creating database schema containing different tables such as users' information, products purchased and the distributors and producers of the products.
  - Retrieving Data from multiple tables using multiple queries, views and procedures.
  - Integrating MySQL with Python using Pymysql for analysing queried data and Tableau for visualizing data obtained.
  - Manipulating and Analysing data using.

- SPSS data analysis trainer

  - Entering Data in to the SPSS software from questionnaire, importing data from different sources.
  - Data cleaning, management and merging data together.
  - Exploratory data analysis by performing descriptive statistics and inferential statistics including generating frequencies, measure of central tendencies and dispersion, and regression analysis.

- Data Analysis trainer in STATA for Econometrics.

Freelancing as a Data Scientist/Analyst

March 2021 – present

- Projects Done
  - Machine learning predicting the survival chances in the Titanic using logistic regression in R.
  - Assessing the impact of advertisement platforms on revenue using linear regression
  - Determining the factors affecting systolic blood pressure using linear regression in SPSS.
  - Forecasting United States Unemployment rate using ARIMA model in STATA
  - Assessing the risks in S&P 500 index stocks market using Capital Asset Pricing Method and ARIMA.

Skills

- Web Development, Data entry, Data wrangling, Data manipulation, Exploratory data analysis, Data visualization with Excel, Tableau and GGPLOT2, Machine learning, Modelling and Forecasting time series data

EDUCATION /
QUALIFICATIONS **Bachelors of Science in Economics and Statistics**
Jan-2018- May-2022: University of Nairobi
Honours: Second Class Honours (Upper Division)
GPA: 3.41 on a 4 point scale
Data Science DataCamp
September 2021 – October 2022
Full Stack Developer
March 2022- October 2022: Udemy
AWS Cloud Developer
July 2022- November 2022: Udacity-ALX Program
AWS Cloud DevOps Engineer
November 2022- March 2023: Udacity-ALX Program
AWS Cloud Solutions Architect
May 2022- present: Amazon Web Services

CORE COMPETENCIES   Python, Django, CSS3, Bootstrap, HTML5, JavaScript, React.js, Amazon web

Services, Prometheus, Circleci, Grafana, Git & GitHub, MySQL.

INTERESTS

- Working on Mentor-ship programme that expose young people who are interested in data analysis/science and technology.
- Be part of the programs to ensure that young people re-skill to emerging technological trends through volunteer-ship.