Name:	Kofi Bekoe Ofei
Nationality:	Ghanaian
Phone:	+233 (0) 50 000 4675
Email:	bekoekofi@gmail.com
Profession:	Software Developer

COMPUTER SKILLS

Programming Languages:

- Proficient in: Python, JavaScript

- Familiar with: Visual Basic, C++

Frameworks:

- Django, Django REST, Pandas, Flask, OpenCV (Python)

Software Proficiency:

- PostgreSQL, Amazon Web Services (AWS), Microsoft Office

PROJECTS

Project: Traffic Video Analysis   November 2021– February 2022

Brief:	Platform to analyze video feed from Traffic Cameras to report on incidents on the roads, such as heavy traffic, accidents and fire.
Client:	Afrifanom Limited
Role:	Python Developer

Activities Performed:

- Designed and developed the code to analyze the video using machine learning models and computer vision frameworks.

- Designed and developed the Graphical User Interface of the platform using python GUI frameworks.

Project: Fameko Traffic API   August 2021– November 2021

Brief:	API to integrate with Fameko Driving Application to provide current road conditions (traffic situation) to users to inform their route.
Client:	Afrifanom Limited
Role:	Python Developer

Activities Performed:

- Designed and implemented Database structure

- Designed and developed code for API calls

- Designed and developed frontend using Flask, JavaScript, HTML and CSS.

Project: Facial Recognition Platform   June 2021– August 2021

Brief:	Facial Recognition platform to enroll faces of employees and recognize them to use for clocking in and clocking out at the office.
Client:	Afrifanom Limited
Role:	Python Developer

Activities Performed:

- Designed and implemented Database structure

- Designed and developed code for the recognition platform

- Designed and developed frontend using Flask, JavaScript, HTML and CSS.

- Integrated platform with already existing staff management platform using APIs.

Project: Boardroom Functions GH Website   August 2020 - Date

URL: boardroomfunctionsgh.com

    Client: Boardroom Functions Ghana

    Role: Web Developer

    Activities Performed:

- Designed and implemented database structure.

- Designed and developed website using Django's MVC design pattern.

- Obtained a server and domain name for website deployment and hosting using Linode and Namecheap.

Project: Basic Sanitation Information System (BaSIS)   June 2017 – September 2021

URL: basis.sanitationghana.org

    Client: Ministry of Sanitation

    Role: Backend Developer

    Activities Performed:

- Co-designed and co-implemented database structure

- Co-developed backend system using MVC design pattern.

- Ensured structural compatibility of ODK Forms with database structure.

- Developed APIs for data synchronization from ODK Aggregate to the system.

Project: Environmental Sanitary Inspection and Compliance Enforcement (ESICOME)   April 2018 – June 2018

    Client: Ministry of Sanitation

    Role: Geospatial Developer

    Activities Performed:

- Converted approved questionnaire to an ODK Form for data collection with ODK Collect Application.

- Co-developed an interactive map interface for data visualization.

Project: Ghana Infrastructure Fund for Electronic Communication (GIFEC) GIS Web Application and Reporting System   July 2017

URL: gifec.cersgis.org

    Client: GIFEC

    Role: UI and UX Tester

    Activities Performed:

- Reviewed and tested Front-end design and suggested changes to the development team

Project: Ghana Electronic Monitoring and Mapping System (GhEMMS)   July 2017

URL: ghemms.cersgis.org

    Client: Parliament of Ghana

    Role: UI and UX Tester

    Activities Performed:

- Reviewed and tested Front-end design and suggested changes to the development team

- Analyzed data within system and reported on discrepancies.

WORK EXPERIENCE

Role: Python Developer   June 2021 – February 2022

Company:

Afrifanom Limited

Dansoman, Accra, Ghana.

Role: Assistant RS/GIS Programmer   August 2019 – September 2021

Company:

Center for Remote Sensing and Geographic Information Services (CERSGIS)

University of Ghana, Legon, Accra, Ghana.

Role: Backend Developer (National Service)   September 2018 – July 2019

Company:

Center for Remote Sensing and Geographic Information Services (CERSGIS)

University of Ghana, Legon, Accra, Ghana.

Role: Web Developer (Intern)   October 2017 – December 2017

Company:

Big Data Ghana Limited.

Accra, Ghana.

Role: Backend Developer (Intern)   June 2017 – August 2017

Company:

Center for Remote Sensing and Geographic Information Services (CERSGIS)

University of Ghana, Legon, Accra, Ghana.

EDUCATION

Ghana Communication Technology University   September 2014 – July 2018

Tesano, Accra, Ghana.

- Bachelor of Science in Information Technology

TRAINING

ISO/IEC 27001 Lead Implementer   2021

- Organized by PECB, classes taken at Innovare Learning

- Certified ISO/IEC 27001 Provisional Lead Implementer

Python and Django REST API Framework   2015

- Udemy Online Course by Mark Winterbottom

Visual Basic .NET   2015

- Class organized by Dr. Quist-Aphetsi