

Name: Kofi Bekoe Ofei
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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: 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: Geospatial 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: Geospatial Developer August 2019 – September 2021

Company:

Center for Remote Sensing and Geographic Information Services (CERSGIS)
University of Ghana, Legon, Accra, Ghana.

Role: National Service Personnel September 2018 – July 2019

Company:

Center for Remote Sensing and Geographic Information Services (CERSGIS)
University of Ghana, Legon, Accra, Ghana.

Role: Intern

October 2017 – December 2017

Company:

Big Data Ghana Limited.
Accra, Ghana.

Role: 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

Python and Django REST API Framework

2015

- Udemy Online Course by Mark Winterbottom

Visual Basic .NET

2015

- Class organized by Dr. Quist-Aphetsi