JOSEPH CALEB JOHNSTON

Ghanaian | josephcalebjohnston@gmail.com | (233)-501312814 | LinkedIn: jcalebjohnston | GitHub: jcalebjohnston

Experienced Web back-end Software Engineer skilled in PHP, SQL and Python, transitioning to a career in data science with a focus on Python. Currently enrolled in the IBM Data Science Professional Certification. Tech entrepreneur with a passion for innovation.

EDUCATION

Kwame Nkrumah University of Science and Technology — **Kumasi, Ghana**
B.S. in Computer Science — *Graduation, Nov 2023*

- o **Concentrations:** Data Science, Internet of things and Web Development.
- o **Grade:** Second Class Upper.
- o **Related Coursework:** Data Structures & Algorithms, Backend Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications, Internet of Things.

CERTIFICATIONS

IBM Data Science Professional — **Coursera**
Data Science Professional Certification — *Expected Graduation, Apr 2023*

- o **Concentration:** Python and SQL for Data Analysis, Visualization and Machine Learning.
- o **Related Coursework:** Data Science Methodology, Python Programming, SQL for Database Management, Web scrapping, Data Analysis, Data Visualization, Machine Learning.

Project Management Professional — **Cambridge Center of Excellence**
Project Management Professional Certification — *Expected Graduation, Sept 2023*

- o **Concentration:** Project Management.

EXPERIENCE

Volta Aluminum Company Ltd. — **Tema, Ghana**
National Service Personnel — *Nov 2023 – Present*

- o Utilizing Python and C to develop algorithms to optimize resource flow, and parsing data extracted from servers.
- o Relational Database Management.
- o Data Analytics and Data Science using Python, Excel, Jupyter Notebooks, IBM Watson studio.

volvagroup — **Tema, Ghana**
Founder — *May 2023 – Present*

- o Leveraging skills, resources and expertise in investing and building businesses for equity in companies we nurture.
- o Companies acquired are votex365, Seveightech (SVT) and dona.te.

Ecobank Transnational Inc. — **Elubo, Ghana**
ICT Support Intern — *Oct 2022 – Jan 2023*

- o Handling customer data and fraud detection.
- o Customer experience and Customer segmentation.

PROJECTS

Criminal Background Check — **KNUST, Kumasi**
Junior Year (Team Lead) — *Mar 2022 – July 2022*

- o Developed a Web-based criminal background checker.
- o Software and Tools used are Bootstrap, PHP, SQL, and Xampp.

rUrban — **KNUST, Kumasi**
Final Year (Team Lead) — *Jan 2023 – Sept 2023*

- o Developed an irrigation system that uses sensors connected to a microcontroller to collect and process the data and control irrigation automatically.
- o Developed web and USSD based interfaces to aid monitoring and manual control.
- o Software and tools used are Bootstrap, PHP, Python, Arduino, Xampp, 00webhost.

SKILLS

Programming: Python (NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn, Beautiful Soup), SQL, C, C++, PHP, HTML/CSS.
Tools: Visual Studio Code, Arduino, Jupyter Notebooks, Xampp, Git, Bootstrap, AWS, IBM Watson Studio.
Others: Leadership, Team work, Problem-solving.