Victor Ukpe

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EDUCATION

BSc Computer Science in Data-Centric Computing   NL, Canada | Jun 2023
MEMORIAL UNIVERSITY OF NEWFOUNDLAND

WORK EXPERIENCE

SOFTWARE DEVELOPER | CLEARRISK INC   NL, Canada | Aug 2021 – Oct 2022

- Collaborated with product manager to outline a 3-phase strategic plan for implementing ML/AI features into the product roadmap. Presentations led to increased team collaboration and resources on data-driven projects.
- Built automated ETL workflows, standardizing data from previous software versions into a consistent format suitable for machine learning modeling and analysis. Used services like Glue, Athena, DynamoDB, and SageMaker.
- Wrote automation scripts for scheduling and data transformation using PySpark and resolved 100% of assigned back-end feature tickets using Java and MySQL, contributing to system stability.
- Effectively represented the company as an intermediary to an external machine learning firm by providing requested high-quality data and communicating updates on implementation in weekly company-wide meetings.
- Documented ETL process, encompassing architectural diagrams, data flow diagrams, and technical specifications, earning an average rating of 4.8 (out of 5) in internal audits. Providing future reference and knowledge transfer.
- Resolved critical package dependency issues in automated CI/CD build pipeline, utilizing Gitlab and Jenkins.

CODING MENTOR | CANADA LEARNING CODE   NL, Canada | Jul 2019 – Aug 2022

- Collaborated with team of mentors to conduct workshops on understanding basic computing concepts such as writing algorithms and problem solving, identifying errors in code and promoting good coding practices.
- Conducted coding sessions at 10 events, and contributed a total of 50+ hours to skill-building for diverse learners.
- Delivered presentations during recurring Girl Learns Code events, reaching an audience of over 100 young women.

RESIDENT ASSISTANT | MEMORIAL UNIVERSITY OF NEWFOUNDLAND   NL, Canada | Sep 2021 – Apr 2022

- Facilitated a supportive and inclusive living environment for a diverse community of 60+ students, organizing engaging events and providing mentorship to promote academic success and personal growth.

PROJECTS

CADABRA BIG DATA SYSTEM ⬈   AWS (KINESIS, EC2, S3, EMR, REDSHIFT, DYNAMODB, AND MORE)
A 5-part cloud implementation that includes : Order history functionality, Product recommendations, Transaction rate alarm, Near real-time log analytics, Data warehousing and Visualization using transaction data generated from EC2.

PRODUCTIVITY HUB ⬈   PYTHON (PLOTLY, DJANGO
An improvement on an older simple to-do list app; added a page to show productivity metrics such as daily task completion rates, average task weight, and streak progression over time via interactive line charts and bar plots.

CREW CONNECT ⬈   JAVASCRIPT (NODE, EXPRESS, REACT), MONGODB, HTML/CSS
An online social collaboration website that makes it easy for filmmakers to find film crew members and view information on their past film projects. Features include search functionality, creation of crew rooms, to-do lists, room alerts Etc.

SKILLS

Languages : Python, SQL, JavaScript, Java, R
Big Data : ETL, PySpark, MySQL, MongoDB, DynamoDB, RedShift Spectrum, Hadoop, Airflow
Web Development : Django, Flask, Node, Express, React, HTML/CSS
Technologies : Git, AWS, Postman, Apache, MongoDB, Docker, Jenkins, Linux

CERTIFICATIONS

Certified Cloud Practitioner, Amazon Web Services (AWS)
Scrum Fundamentals Certified, ScrumStudy