Joseph Anyaegbunam *software developer | data analyst*

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📍 Aberdeen, UK in Joseph-anyaegbunam

◯ github.com/Chukwuemekamusic

Education

2022 – 2023 Aberdeen, UK	**Masters / Information Technology** *Robert Gordon University* • **Grade:** Distinction • **Key Coursework:** Data Visualization and Analysis, Object-Oriented Programming, Software Project Engineering, Data Management, User-Centered Design, Cyber Security.
2006 – 2011 Okada, Nigeria	**BSc. / Electrical Electronics Engineering** *Igbinedion University* • **Engineering Student Association President:** Led student body, organized events, and represented engineering students in university decisions.

Skills

Languages
Python, JavaScript, Solidity, SQL, Java, C

Frameworks / Libraries
Django, React, Redux, Node.js, Next.js, Web3.js

Databases
SQL, PostgreSQL, MongoDB

Blockchain
Smart Contracts, Hardhat, DApps, ethers.js

DevOps & Tools
Docker, Git, Agile/Scrum

Other
API Integration, Full-Stack Web Development, Algorithm Design

Data Analysis & Machine Learning
Tools: pandas, NumPy, MatPlotlib, Seaborn, Sckit-learn

Profile

Versatile software developer and data analyst with strong expertise in Python, data analysis, and full-stack web development. Proficient in tools like pandas, NumPy, and Scikit-learn for data analysis and machine learning, alongside frameworks such as Django, React, and Next.js for scalable application development. Skilled in creating efficient algorithms, secure smart contracts, and insightful data analysis. Passionate about leveraging diverse technologies to deliver innovative solutions across various domains.

Professional Experience

2024/06 Lagos, Nigeria	**Freelance Software Developer (Volunteer)** *Livingstone Off-the-Street Initiative* Developing digital solutions for a non-profit organization dedicated to supporting underprivileged youths. • Spearheading the development of a dynamic website to enhance NGO visibility. • Designing and implementing a robust database system to manage organizational data.
2023 – 2024/12 Aberdeen, United Kingdom	**Tesco Colleague (Night Shift)** *Tesco Extra, Danestone Aberdeen* • Collaborate with a team to ensure timely stocking and organization of goods.

- Address customer inquiries promptly, demonstrating excellent communication and problem-solving skills.
- Maintain accuracy in stock placement, enhancing the overall customer experience.

Projects

2024/09

Crowdfunding Decentralized Application ⬈
A decentralized application for creating and participating in crowdfunding campaigns on the Ethereum blockchain.
- **Technologies:** Solidity, Hardhat, ether.js, React, Tailwind CSS,
- Implemented secure smart <u>contracts</u> ⬈ for handling campaign creation, donations, and fund withdrawals.
- Developed a responsive frontend using React and integrating ether.js for blockchain interaction.

2024/04

Money Saving App ⬈
Web app encouraging users to save money weekly towards goals.
- **Technologies:** React, Redux, Axios, Django Rest Framework, Knox, Google OAuth 2.0, SMTP
- Led end-to-end development of the app, integrating user authentication with Google OAuth.
- Designed a seamless user interface for managing savings plans, notifications, and progress tracking.

2023/08

My MSc. Final Project: DiscussU ⬈
A Platform for students to discuss academic topics.
- **Technologies:** React, Bootstrap, Zustand, Django, Knox
- Managed full project lifecycle, including user authentication, frontend design, and backend ⬈ integration.

Awards

2023/10

Highest Academic Achievement Award, MSc Information Technology
School of Computing, Robert Gordon University, Aberdeen.

Organizations

2023 – present
Aberdeen, UK

St. Mary's Cathedral 6pm Mass choir
Keyboardist

2018 – 2022
Lagos, Nigeria

Livingstone Off-the-Street Initiative
Youth Coordinator
- Led group discussions, provided mentorship to underprivileged youths.
- Facilitated family and workplace reconciliation efforts, contributing to community building.

2013 – 2022
Lagos, Nigeria

CCDM choir
Assistant Choir Director
- Led and managed a choir of 50 members, fostering a culture of collaboration, respect, and dedication, directly improving performance and team cohesion.
- Organized, prepared, and led the choir for diverse events including religious services, weddings, and concerts, requiring detailed planning and cross-team coordination.