CHIEMERIE OKORO

SOFTWARE ENGINEER | DATA SCIENTIST

Contact Information

- **Phone**: +2348137866603
- **Email**: chiemeriedroid@gmail.com
- **LinkedIn**: linkedin.com/in/chiemerie-okoro-96a471171/
- **GitHub**: github.com/Chiemerie1

Professional Summary

Highly motivated software developer and data scientist with over 8 years of experience in building scalable and efficient applications; leveraging advanced analytics, machine learning, and software development skills to drive strategic decision-making and business growth. Proficient in designing and developing robust architectures, leading teams, and collaborating with cross-functional teams to deliver high-quality software products.

Professional Experience

Software Engineer | Yolad Global Nigeria
May 2023 – Present

- Led the development of an artisan market system using Django.
- Engineered a messaging system with Django Channels for real-time communication.
- Designed and implemented APIs using Django Rest Framework and FastAPI.
- Collaborated with cross-functional teams to deliver solutions aligned with business objectives.
- Mentored junior team members, fostering continuous learning and innovation.
- Developed a thrift web application using Django and Tailwind CSS for a financial organization, delivering a user-friendly and secure platform for managing financial transactions and investments.
- Key Achievements: Optimized database performance, reducing query execution time by 0.5%. Consistently delivered high-quality code and met project milestones ahead of schedule.

Data Scientist | ELNEXU CONSULT, Lagos Nigeria
March 2021 – April 2023

- Developed a rule-based fraud analysis system using FastAPI, reducing fraudulent transactions significantly.
- Organized the collection and analysis of diverse datasets, utilizing advanced statistical methods and machine learning.
- Implemented a monitoring framework to evaluate agency banking products' performance.
- Identified and mitigated potential risks in agency banking transactions.

- Generated reports on company performance metrics, providing actionable insights for strategic decision-making.

Data Scientist | Software Engineer (Freelance)
February 2020 – March 2021

- Conducted data mining and analytics using Python libraries such as NumPy, and matplotlib, as well as scikit-learn
- Utilized binary classification algorithms for prediction within target populations.
- Designed and developed analytical dashboards for data visualization.
- Led system optimization projects, resulting in significant cost savings and performance improvements.
- Engineered a thrift web application using Django and Tailwind CSS.

Data Scientist and Developer | Cambridge Analytica, London UK
September 2015 – April 2018

- Developed and trained a machine learning model to predict house prices.
- Conducted data mining and analytics using Python data analysis libraries.
- Applied binary classification algorithms to predict discrete classes within target populations.
- Designed and built analytical dashboards using MS Excel and Power BI.
- Trained a machine learning model to detect voter apathy.

Software Engineer | Anson Links
July 2013 – September 2015

- Developed a dynamic pool system thrifting web application using Django.
- Engineered an internal micro-banking system.
- Developed a point-of-sale desktop application using Python and MongoDB.
- Migrated the carwash database from MongoDB to MySQL.
- Designed and implemented a pharmacy e-commerce app in Java.

Planning Research & Statistics Department | Local Government Service Commission, Abakaliki Nigeria

2012 – 2013

- Researched and developed a customer relationship management software.
- Built a MySQL database for the register department.
- Developed an e-dispatch mechanism for office mail delivery.

- Rebuilt the register department software with Django.

Education

Bachelor of Science in Applied Statistics

Ebonyi State University, Abakaliki Nigeria (2009-2014)

Skills

- Languages & Frameworks: Python, Django, Django Rest Framework, FastAPI, Tkinter, Kivy, HTML, Tailwind CSS, JavaScript, React, Pandas, Matplotlib, TensorFlow, Flutter, Solidity, Golang, Dart.p
- Databases: PostgreSQL, MySQL, MongoDB.
- Web Technologies: HTML5, CSS3, JavaScript.
- Tools & Technologies: Git, Docker, Kubernetes, AWS, Heroku, MS Excel, MS Power BI.
- Methodologies: Agile

Hobbies

- **Strategy games**
- **Video games**
- **Lifting weights**
- **Reading**
- **Traveling**