

Ekejimbe Chijioke Sunday

Address: No 1 Alhaji Razaq Street, Egbeda, Lagos Nigeria

Phone: +2348036708147

Email: chijioke.ekejimbe@gmail.com

LinkedIn: <https://www.linkedin.com/in/ekejimbe-chijioke-6ba7306b/>

GitHub: <https://github.com/ceejaysuny>

Career Objective

Certified in Data Science, Software Development, Artificial Intelligence, and Cloud Native Technologies. A versatile IT professional with a strong technical background, driven by a passion for research and continuous learning to stay ahead of emerging technologies. An effective communicator with additional expertise in physical security management through AI-based video surveillance automation.

Core Competencies

- Data Science: Machine Learning, Deep Learning, Computer Vision, Data Mining, Statistical Analysis, Data Analytic
- Software Development: Python, Java, C, RUST, Dart, Flutter
- Web Development: Full-stack web development, HTML, CSS, PHP, Node.js, Django, React, JavaScript, SQL, MongoDB
- Physical Security: AI-based Video Surveillance Automation, Cloud-Based Surveillance Solutions, Contactless Facial Recognition
- Cloud Computing: Google Cloud, AWS Machine Learning
- IT Support: System Administration, Troubleshooting, Datacenter Management
- Business Development: Strategic Planning, Client Relations, Market Analysis
- Content Writing: Technical Documentation, Blogging, Copywriting

Technical Skills

- Data Science & Analytics
- Proficient in Python, R, SQL, TensorFlow, PyTorch, Mediapipe
- Expert in machine learning models for prediction, summarization, translation, and generation of text/content

- Experience with statistical data analysis and visualization tools
- Mobile app development using Flutter and Dart
- Expertise in AI-based video surveillance automation and cloud-based surveillance solutions
- Knowledge of contactless facial recognition access control systems
- Active participant in data science competitions on Kaggle and DrivenData

Projects Completed Independently:

Project 1: Crop Monitoring System

Objective:

Developed a web application that enables farmers to remotely monitor their crops, integrate real-time sensor data, weather forecasts, pest detection, and crop health analytics.

Link: https://github.com/ceejaysuny/crop_monitoring

Actions:

- Built the application using **Django, JavaScript, HTML, CSS**, and **APIs** for weather and sensor data integration.
- Implemented **GeoDjango** for precise field location tracking.
- Developed modules for **automated irrigation scheduling, fertilizer application tracking**, and pest detection using machine learning.
- Developed a notification system to alert farmers about crop health issues and environmental risks.

Result:

- Improved crop monitoring efficiency and decision-making for farmers.
- Enhanced early pest detection, minimizing crop damage.
- Enabled proactive crop management, reducing losses due to adverse conditions
- Reduced operational costs and increased crop yield through automation of irrigation and fertilization

Project 2: TeleMed - A Comprehensive Telemedicine Platform

Objective:

Developed a full-stack telemedicine platform to connect patients with healthcare providers, enabling secure online consultations, appointment booking, and location-based health center discovery.

Link: https://github.com/ceejaysuny/telemedicine_APP

Actions:

- Built the frontend using **HTML, CSS, and JavaScript** with a responsive design.
- Developed the backend with **Node.js, Express, and MySQL**, implementing REST APIs for user authentication, patient management, doctor scheduling, and appointment booking.
- Integrated **Google Maps API** for health center location services.
- Secured user data using **JWT authentication, HTTPS, and data encryption**.

Result:

- Enhanced healthcare accessibility with a seamless booking system.
- Improved efficiency in patient-doctor interactions through automated scheduling.
- Provided a scalable and user-friendly platform adhering to healthcare security standards.

Project 3: Product Recommendation System for Amazon "All_Beauty"

Category

Objective:

Developed a recommendation engine to enhance product discovery in the "All_Beauty" category using customer reviews and metadata.

Link: https://github.com/ceejaysuny/Product_recommendation

Actions:

- Implemented **collaborative filtering** using user-item interactions.
- Developed **content-based filtering** with metadata features (e.g., product descriptions, categories).
- Combined both approaches into a **hybrid recommendation system** for improved accuracy.
- Used **Python, Pandas, NumPy, Scikit-learn, Flask, and TensorFlow** for data processing, model training, and API deployment.

Result:

- Improved recommendation accuracy and personalization for beauty products.
- Optimized user engagement by suggesting relevant products based on behavior and preferences.
- Deployed an API to deliver real-time recommendations for potential integration into e-commerce platforms.

Project 4: Weather App

Objective:

Developed a simple weather application using Django and WeatherAPI.com to provide real-time weather updates for any city.

Link: https://github.com/ceejaysuny/Weather_App

Actions:

- Built the backend using **Django** to fetch and process weather data.
- Integrated **WeatherAPI.com** for retrieving live weather information.
- Designed a user-friendly interface with **HTML, CSS, and Python**.
- Implemented an input field for city search and displayed temperature, weather conditions, and icons dynamically.

Result:

- Provided users with quick and accurate weather updates.
- Enhanced user experience with a clean and responsive UI.
- Successfully deployed and made available for real-time weather queries.

Professional Experience

1. Job Title: Business Development Manager & Data Analytics

Foreign Company : vCloud.ai

Location: Remote Job (Coverage, West Africa)

Dates: February 2022 – Present

Key Achievement:

- Enhanced cloud video surveillance offerings by leveraging BI and data analysis techniques, driving product innovation and service quality improvements.
- Utilized predictive modeling and data mining to forecast video surveillance trends, enabling proactive strategy adjustments and maintaining a competitive market edge.

Key Skill Demonstrated:

- Developed interactive dashboards using Power BI to transform complex video analytics data into actionable insights, improving strategic decision-making.

2. Job Title: Business Development Manager & IT Support

Foreign Company: Hanwha Vision

Location: Remote Job (Coverage, Nigeria and Ghana)

Dates: March 2023 – November 2024

Key Achievement:

- Designed and implemented solution architectures for customer projects, resulting in a 25% increase in client satisfaction by addressing specific business challenges.
- Successfully deployed surveillance systems across multiple sites in Nigeria and Ghana, ensuring optimal IT infrastructure and bandwidth utilization, which reduced implementation time by 20%.

Key Skill Demonstrated:

- Provided end-to-end technical solutions, including systems integration and configuration, enhancing operational efficiency for clients in West Africa.

3. Job Title: Regional Business Development Manager

Foreign Company : AxxonSoft

Dates: June 2018 – January 2022

Key Achievement:

- Increased regional sales by 25% over three years by identifying and delivering optimal solutions tailored to customer applications, ensuring high satisfaction rates.
- Led training sessions for partners and customers, enhancing their technical and sales capabilities, which contributed to a 30% growth in partner-driven revenue.

Key Skill Demonstrated:

- Developed and delivered technically accurate and commercially verified quotations, ensuring timely delivery of the best all-round solutions to meet customer application and operational needs.

Education

Master of Science in Financial Engineering

WorldQuant University | New Orleans, LA, USA

Graduated: Currently Studying(Online Program)

Bachelor of Science in Computer Science

University of the People | Pasadena, CA, USA

Honors/Awards: Dean's List, GPA 3.43

Graduated: August 2024

High School Diploma

Community High School Adazi, Anambra State, Nigeria

West Africa Examination Council (WAEC) & National Examination Council (NECO)

Training, Certifications & Professional Development

- Kaggle Data Science Certification: Machine Learning, Deep Learning, Computer Vision
- Google Cloud Big Data and Machine Learning Fundamentals
- AWS Machine Learning Scholarship (Udacity)
- SUSE Cloud Native Foundations Scholarship (Udacity)
- Hanwha Vision Solutions Technical Training: AI-based Video Surveillance Automation, Cloud-Based Surveillance
- AxxonSoft Training: Advanced Physical Security Consolidation and Management
- ATEN Datacenter Management Training: Energy Efficient Management, Cooling Systems, IT Infrastructure Consolidation

Hobbies

- Reading Books
- Going to the Gym
- Listening to Music