

Uchenna Chrisantus Akuchie

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EDUCATION

MSc Big Data Management & Analytics (First-Class Honours)

Griffith College Dublin - 2024 – 2025

- Built scalable data pipelines using Apache Spark and Cassandra
- Implemented real-time streaming and distributed analytics workflows
- Designed dashboards for operational and analytical reporting
- Deployed data and analytics solutions on AWS and GCP
- Developed strong practical knowledge of cloud architecture and services

BSc Computer Science (Upper Second-Class Honours)

Madonna University, Nigeria - 2018 – 2022

- Core coursework: Data Structures, Databases, Software Engineering, Statistics
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Certifications:

- AWS Certified Cloud Practitioner (CLF-C02) - Issued February 2026
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Technical Skills:

- Cloud & DevOps: AWS, GCP, CI/CD, Cloud Deployment, Cloud Architecture
 - Programming: Python, Java, SQL, JavaScript
 - Data & Engineering: Spark (Batch/Streaming), Hadoop, Cassandra, ETL, Data Quality
 - Development: REST APIs, Backend Integration, Git, Agile
 - Other: Data Modelling, Dashboards, Analytics
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PROFESSIONAL EXPERIENCE

Amazon, Associate

Dublin, Ireland | Jun 2025 – Present

- Analysed operational workflows to identify inefficiencies and performance gaps
- Supported process optimisation through structured data analysis and reporting
- Collaborated with team leads to improve reliability and quality of outputs

Uptrail, Data Analyst Intern (Remote)

UK | Jun 2025 – Jul 2025

- Developed automated ETL pipelines using Python and SQL
- Built dashboards improving stakeholder data visibility
- Improved reporting accuracy through validation and quality checks

Wheeler, Mobile Developer

Lagos, Nigeria | Oct 2023 – Jun 2025

- Integrated cloud-based data stores and backend services into mobile applications
- Designed analytics and reporting features to monitor user behaviour
- Collaborated with APIs and backend systems for reliable data ingestion

Tangerine Life, Junior Data Analyst (Volunteer)

Nigeria | May 2023 – Sept 2023

- Produced KPI and operational reports using structured datasets
- Applied data governance and validation practices

• SELECTED PROJECTS

Generative AI Cloud Application (AWS)

Technologies: AWS (Lambda, S3, Bedrock, Amplify), Python, REST APIs

- Designed and deployed a cloud-based generative AI solution using AWS services
- Implemented prompt handling and model interaction workflows
- Applied cloud architecture principles including scalability and reliability
- Evaluated system performance and cost-efficiency considerations

MSc Capstone Project – Scalable Analytics & Prediction System

Technologies: Apache Spark, Hadoop, Python, SQL, Data Visualization Tools

- Engineered distributed data processing for large-scale datasets
- Built predictive analytics models for outcome forecasting
- Performed data preprocessing, feature engineering, and validation
- Designed dashboards translating analytics into actionable insights

Cloud-Deployed Real-Time Data Pipeline

Technologies: Apache Spark Structured Streaming, Cassandra, Python, AWS / GCP

- Designed and implemented a real-time streaming data pipeline
- Processed and stored high-volume event data in Cassandra
- Implemented data validation and quality monitoring checks
- Optimised pipeline reliability and performance