

OKORONKWO CHIKOADI KINGSLEY

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PROFESSIONAL SUMMARY

Application Support Analyst & Data Engineer with 3+ years of experience supporting enterprise applications, managing technical documentation systems, and building automated data workflows in the energy sector. Proven impact at Shell (SPDC) and Renaissance Africa through improving data integrity, optimizing modelling inputs, and enhancing system performance. Skilled in SQL, Python, Excel automation, and analytical reporting with exposure to data modelling, scenario analysis, and ITIL-based service operations. Certified in Data Analytics and Project Management, with a strong foundation in engineering principles and a passion for data-driven insights that support operational and policy decision-making.

EDUCATION

Federal University Otuoke, Bayelsa State, Nigeria

B.Eng. in Mechatronics Engineering — *Second Class Upper Nov 2016 – Feb 2023*

Relevant Coursework: Robotics, Control Systems, Digital Electronics, Object-Oriented Design, Mechatronics Systems Design, *Materials Science, Control Systems (mechatronics)*.

Honors and Awards

- First Position at NUESA Convention, NSE Sponsored, Abuja 2019 (Team)
Additional Qualifications

Additional qualifications

UK Institute of Chartered and Certified Professionals, Pan African Institute, Rivers State September 2022 - January 2023

- Project Management: Risk assessment, resource allocation, stakeholder communication
- Network Management: CompTIA Network fundamentals, system architecture

ALX Foundation Programs - Data Analytics June 2024- Nov 2024

- Applied Python/SQL for equipment performance analysis and predictive modelling
Developed data visualization dashboards using Power BI and Tableau
Completed projects in machine learning, statistical analysis, and data-driven decision making

Technical Skills Development

2024

Techy Jaunt - Backend Web Development: Django framework, REST APIs, database design

Techy Jaunt - Frontend Development: React, Vue.js, CSS frameworks, responsive design

LinkedIn Learning - ITIL Framework: IT service management, incident management, continuous improvement

Additional Certifications

Cisco Certified Network Professional (CCNP)

Cisco Certified Network Professional Wireless (CCNP-W)

Microsoft Office Excel Expert Certification (New Horizons)

Cyber Security and Surveillance Systems (Fundamentals)

SKILLS SUMMARY

- Languages: JAVA, Python, SQL, Typescript, React Native, CSS, HTML, REACT
- Frameworks: NumPy, Scikit-Learn, Pandas, Matplotlib, Angular
- Tools: Power BI, Excel, PowerPoint, Tableau, MySQL, Redux, Powerpages, AutoCAD , CMS (EDW)
- Platforms: Visual Studio Code, PyCharm, Jupyter Notebook, MySQL workbench.
- Technical Skills: Project Management, Network Management, CompTIA Network Analyst.
- Corrosion & Materials: Chemical Reactions (blending), Failure Analysis, NDT Basics.
- Application support, ITIL processes, system maintenance, documentation, and digital transformation.
- Data Integrity: Documentation Control (Shell), Compliance Reporting, SQL for Maintenance Tracking.
- Cloud & DevOps: Version Control (Git), CI/CD exposure, System Integration
- Methodologies: Data Modelling, ETL Processes, ITIL Framework, Agile Project Management
- Domain Knowledge: Energy Sector Analytics, Equipment Performance Analysis, Compliance Reporting, Digital Transformation

WORK EXPERIENCE

1. PPI & KOG NIGERIA LIMITED

Renaissance Africa Energy Company Limited — Data Control Engineer & Analyst (CONTRACT)

May 2025 – Present

- Delivered application and data support across engineering systems, maintaining compliance with Shell's standards.
- Collaborated with IT teams to digitize legacy documentation systems, improving data access and audit readiness.
- Developed Excel- and Access-based tools to monitor version control, reducing retrieval errors by 25%.
- Maintained structured data workflows aligned with project requirements, contributing to 30% improvement in retrieval efficiency.
- Provided Tier-1/Tier-2 support for enterprise engineering systems, ensuring 99.8% uptime for critical business applications
- Collaborated with IT teams to digitize legacy documentation systems, improving data access and audit readiness through structured data management
- Created Share point and Access-based monitoring tools with automated version control, reducing retrieval errors by 25%
- Maintained data integrity aligned with Shell's standards, supporting regulatory compliance and data governance.

2. PPI & KOG NIGERIA LIMITED

Shell Petroleum Development Company (SPDC) – Contract via PPI & KOG Nigeria Ltd

Data Controller & Document Controller MARCH 2025 – MAY 2025

- Provided Tier-1 and Tier-2 application support in line with Shell's IT and data governance frameworks.
- Reduced document retrieval time by 40% by optimizing EIMS workflows and data organization.
- Collaborated with cross-functional teams to support digital transformation and application migration projects.

- Used SQL and Excel automation to streamline data entry and improve reporting accuracy.
- *Supported enterprise applications across Shell's environment, ensuring compliance with ITIL processes.*
- *Conducted troubleshooting, incident management, and root cause analysis, reducing downtime.*
- *Contributed to system upgrades, documentation, and user onboarding to improve adoption.*

3. Data analyst [GOVERI SERVICES LIMITED] — APRIL 2024- JULY 2024

- Maintained the integrity and accuracy of organizational data.
- Ensured compliance with data protection regulations through rigorous monitoring and reporting.
- Streamlined data entry and retrieval processes to reduce errors and improve efficiency.
- Conducted regular data audits and implemented corrective measures when discrepancies were identified.

PROJECT PORTFOLIO

Titanic Survival Analysis - Data Analytics Project

Python, Pandas, Seaborn, Jupyter Notebook
 Conducted exploratory data analysis on 891 passenger records
 Built predictive models with 95% accuracy identifying key survival factors
 Created interactive visualizations revealing gender and class-based disparities
 [GitHub Repository] (https://github.com/spacepriest8/titanic_analysis)

Enterprise Document Management System

SQL, Excel Automation, Python, Power BI
 Optimized data retrieval by 40% through SQL query optimization
 Developed automated reporting tools
 reducing manual work by 25 hours/week
 Created dashboard visualizations for document compliance tracking

Equipment Performance Analytic

Python, Pandas, NumPy, Scikit-learn
 Analysed equipment sensor data for predictive maintenance
 Built regression models predicting failure probability with 88% accuracy
 Developed real-time monitoring dashboards using Plotly and Streamlit

CERTIFICATES

PROJECT MANAGEMENT & ANALYTICS CERTIFICATE- January 2023

Project Management principles, risk assessment, resource allocation, stakeholder communication, project lifecycle management.

CISCO CERTIFIED NETWORK PROFESSIONAL WIRELESS(CCNP-W) CERTIFICATE

CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)

CYBER SECURITY AND SURVEILLANCE SYSTEM

Gained foundational knowledge in cybersecurity principles, including threat assessment, vulnerability analysis, and security protocols.

Explored surveillance technologies and systems, understanding their integration into broader security frameworks.

Developed a solid foundation in networking concepts, including OSI model, TCP/IP, and subnetting.

ALX DATA ANALYTICS ALX-AFRICA June 2024

Developed data-driven solutions and insights, leveraging analytics tools to interpret and visualize data.

TECHYJAUNT-Backend Web Development 2024

Proficient in Django web framework and JavaScript, with an emphasis on building and maintaining web applications.

NEW HORIZONS- MICROSOFT OFFICE EXCEL 1,2,&3 CERTIFICATE

Applied Excel skills in various projects for data analysis and reporting, enhancing decision-making processes.

Completed comprehensive training covering essential to advanced features of Microsoft Excel.