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PROFESSIONAL SUMMARY

Master degree-trained Digital transformation specialist with a proven track record in AI/ML and MLOps. Expert at architecting and deploying enterprise-grade pipelines that blend time-tested security principles with cutting-edge automation. Known for a rigorous, evidence-based approach's, questioning assumptions, and delivering solutions built to last.

EXPERIENCE

Work Study Partnership:

BSR Berlin | 2024 – 2025

- Led the optimization of electric vehicle charging processes, achieving €500,000 in annual cost savings.
- Implemented a system using real-time charging data to direct drivers to available chargepoints, enhancing operational efficiency.

AI Engineer

aiio GmbH, Magdeburg | 2023 – 2024

- Integrated AI into the aiiOS cloud-based business process management software, which reduced process modeling time by 15%. I was responsible for the AI process modeling tool design, hallucination control, a pilot PPO integration project in a ProcessTwinEnv and access Control/ Authorization for RAG to ensure that users can only access/ retrieve documents they are permitted to view.

MLOps Engineer

Bluetag Technologies, Enugu | 2018 - 2021

- Deployed and managed a recommendation model for an apartment rental app, integrating reinforcement learning to boost performance and enhance user experience. Oversaw the end-to-end model lifecycle, including production deployment, monitoring, and updates.
- Developed ETL/ELT pipelines in Apache Airflow to automate data extraction from AWS S3 to PostgreSQL, ensuring data integrity and availability for model training and inference.

System Administrator

National Youth Service Corps (NYSC), EBonyi | 2017 - 2018

- **User Support & Training:** Provided technical support to over 50 users, resolving hardware and software issues promptly while also developing user documentation and training materials.
- Oversaw the installation, configuration, and maintenance of both Windows and Linux servers, ensuring a stable and secure network environment.
- Enforced security policies by managing firewalls, antivirus software, and regular patch updates, reducing system vulnerabilities.

KEY PROJECTS

Process Innovation

- As part of my dual studies in digital transformation , in partnership with Berlin BSR, we optimized the processes for charging electric vehicles in BSR, resulting in annual cost savings of €500,000.00

Personal Project

Smart Job Search

- Designed and orchestrated an AI-driven job search assistant that continuously identifies, targets, and automatically submits job applications on LinkedIn, leveraging personalized user CVs to maximize match accuracy and streamline the application process.

Gamified Coaching Application

- Coordinated a remote team to design and implement a gamified coaching platform, aligning user needs through personalized experience.

EDUCATION

M.Sc. Digital Transformation (dual) | Grade: 1.5

Berlin School of Economics and Law, Germany | 10.2023 - 10.2025

B.Sc. Computer Science

Enugu State University of Science and Technology, Nigeria | 2011 - 2015

B.Eng. Aerospace Engineering(not completed)

National Aerospace University - Kharkiv Aviation Institute Ukraine | 2021 - 2022

SKILLS

Data & Engineering:

Python, SQL, JavaScript, HTML, CSS, Flask, FastApi
TensorFlow, Scikit-Learn, Numpy, Airflow, Pandas, LangChain, CrawlAI, Openai, AWS
Bedrock, Aleph-Alpha, PyTorch

System Analysis and Architectural Design:

AI integration architecture, Microservice Architecture

Data Visualization:

Streamlit, Plotly, Metabase, Seaborn

Cloud & DevOps:

AWS, Docker, Heroku, Azure DevOps, Jenkins

Tools & Platforms:

GitHub, BPMN 2.0, UML, Figma, Miro, Draw, Uizard, Cursor, clickup,

Cybersecurity:

Threat Modeling, Cloud Security Architecture (AWS), Risk Management, RAG Auth

Soft Skills:

Process Innovation, Leadership, Team Collaboration, Advanced Design Thinking,
Effective Communication

Languages

- English: Native
- German: B1 Level
- Igbo: Native

Certification

- Advanced Large Language Agent, Beckley Research and Developemnt California 2025
- Data Science Certification, Spiced Academy, Berlin (2022)

Hobbies

Chess, Fitness