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PROFESSIONAL SUMMARY

AI Engineer experienced in robotic processes automation and streamlining workflows using technologies such as CrewAI, LangChain, TensorFlow, Airflow, AWS, and PBM2.0. Dedicated to developing secure, scalable AI systems.

EXPERIENCE

<div>AI Engineer</div> <div>aiio GmbH, Magdeburg   2023 – 2024</div> <div><ul style="list-style-type: none"><li>Integrated an AI into the company’s cloud-based business process management software, which reduced process modeling time by 15%.</li><li>Built a customer attrition chatbot leveraging ChatGPT-4 API, improving monthly customer retention by 10 basis points.</li></ul></div>
<div>MLOps Engineer</div> <div>Bluetag Technologies, Enugu   2022 - 2023</div> <div><ul style="list-style-type: none"><li>Developed and deployed a recommendation model in production for an apartment rental app, integrating a reinforcement learning algorithm to enhance model performance and user experience.</li><li>Conducted sentiment analysis on customer opinions by leveraging the Twitter/X API to extract streaming data, and utilized MongoDB and PostgreSQL for data storage and management.</li></ul></div>
<div>Data &amp; DevOps Engineer</div> <div>Bluetag Technologies, Enugu   2018 - 2020</div> <div><ul style="list-style-type: none"><li>Designed and deployed CI/CD pipelines using Jenkins and Docker, enhancing deployment speed and reliability.</li><li>Developed ETL/ELT pipelines in Apache Airflow, extract data from S3 bucket to postgresql database.</li><li>Joined tables, conducted exploratory data analysis using pandas, and detected anomalies in e-commerce data by leveraging SMOTE. Achieved an F1-score of 95 and evaluated the model using the ROC-AUC curve.</li></ul></div>

## **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, optimized the processes for charging electric vehicles in BSR, resulting in annual cost savings of €500,000.
- Designed and prototyped a futuristic smart waste disposal system as part of a digitization and self-service initiative, in partnership with Berlin BSR. Integrated a gamified mobile app for real-time waste tracking, incorporating advanced sensor technology, automated sorting, and shredding mechanisms.

### **Leadership**

#### **Gamified Coaching Application**

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

## **EDUCATION**

### **M.Sc. Digital Transformation (Dual) | Grade: 1.58**

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

### **Data Science Certification**

Spiced Academy Bootcamp, Berlin | 05/2022 - 08/2022

### **B.Eng. Aerospace Engineering(not completed)**

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

## SKILLS

### Data & Engineering:

Python, SQL, JavaScript, HTML, CSS, Flask

TensorFlow, Scikit-Learn, Numpy, Airflow, Pandas, LangChain, CrawlAI, Openai, AWS

Bedrock, Aleph-Alpha

### Data Visualization:

Streamlit, Plotly, Metabase

### Cloud & DevOps:

AWS, Docker, Heroku, Azure DevOps, Jenkins

### Tools & Platforms:

GitHub, BPMN 2.0, UML, Figma, Miro, draw, uizard, cursor

### Cybersecurity:

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

### Soft Skills:

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

## Languages

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

## Certification

- Data Science Certification, Spiced Academy, Berlin (2022)

## Hobbies

Chess, Fitness