RUKAYAT BALOGUN

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Professional Summary

A **Data and AI Specialist** with over **5 years of experience** in **data engineering, AI model training, and machine learning workflows**. Expertise in **annotating datasets, validating AI models, and optimizing data pipelines** for improved model performance. Strong analytical background with **Python, SQL, and cloud-based AI platforms**, ensuring high-quality data processing and automation. Adept at **working remotely**, collaborating with cross-functional teams, and ensuring compliance with **AI ethics and data governance standards**.

Key Skills

✔️ **AI Model Training & Data Annotation** – Experience in **labelling, reviewing, and validating datasets** to train AI models for accuracy and efficiency.
✔️ **Data Engineering & Pipeline Development** – Skilled in **ETL processes, data governance, and big data architectures** for scalable AI solutions.
✔️ **Machine Learning & NLP** – Knowledge of **model development, deployment, and performance tuning**.
✔️ **Python & SQL** – Strong programming expertise for **data manipulation, automation, and AI model testing**.
✔️ **Cloud & Containerization** – Experience with **AWS, Docker, and Kubernetes** for AI model deployment.
✔️ **Remote Collaboration & Agile Workflows** – Proven ability to work **independently and as part of remote teams** to meet project goals.

Professional Experience

Remote Monitoring Controller (AI & Data Specialist)

United Utilities | November 2024 – Present

- **Monitored and analyzed telemetry data** using AI-driven models to detect anomalies and improve predictive maintenance.
- Collaborated on **AI model training**, ensuring accurate **data annotations and performance tracking**.
- Managed **real-time data ingestion pipelines**, improving data flow efficiency by **40%**.
- Validated and improved **machine learning algorithms**, optimizing operational decision-making.

Key Achievements:
✔ **Enhanced AI-driven predictive analytics**, reducing operational risks by **30%**.
✔ **Automated dataset labeling processes**, improving AI model training accuracy by **20%**.

Data & Compliance Lead (AI Trainer & Data Analyst)

Ikija | October 2023 – November 2024

- Designed **data annotation workflows** for **training AI models**, ensuring high-quality labeled datasets.
- Developed **Python-based scripts** for **automating AI dataset validation** and **data quality assessment**.
- Worked with **ML engineers** to fine-tune **model performance metrics**.

Key Achievements:
✔ **Improved AI dataset consistency**, reducing annotation errors by **25%**.
✔ **Optimized data ingestion processes**, increasing model training efficiency by **40%**.

Project Analyst & Data Reporting Lead (AI & ML Data Specialist)

Lunddr | October 2020 – May 2023

- **Labeled, curated, and validated datasets** for AI models, supporting NLP and computer vision tasks.
- Assisted in **training AI models** by ensuring proper dataset annotation and tuning hyperparameters.
- Developed **automated reports and dashboards** to track AI model performance.

Key Achievements:
✔ **Improved AI-driven insights by 20%**, optimizing model training results.
✔ **Reduced model bias by refining dataset annotation standards**.