SAMSON OLUSOLA

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Versatile Data Engineer and Full-Stack Web Developer with extensive experience designing scalable ETL pipelines, optimising PostgreSQL and cloud-based data architectures, and delivering actionable business insights through Power BI and Tableau. Skilled in Python, SQL, Apache Airflow, PySpark, and modern web technologies (React, JavaScript, Typescript, HTML/CSS), with a proven ability to streamline workflows, automate processes, and improve operational efficiency. Demonstrated expertise in managing cross-functional teams, translating business requirements into technical solutions, and implementing Agile best practices to accelerate project delivery. Strong background in operational management, process optimization, and stakeholder collaboration, consistently driving measurable improvements in performance, cost savings, and user experience.

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TECHNICAL SKILLS

- **Programming Languages: Python, SQL, JavaScript**
- **Big Data Technologies: Apache Hadoop, Apache Spark, Apache Kafka**
- **Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure**
- **Database Management Systems: MySQL, PostgreSQL, MySQL Server**
- **Data Warehousing: Amazon Redshift, Google Big Query**
- **ETL Tools: Apache Airflow**

CORE COMPETENCIES

Data Pipeline Development	Data Integration	Data Visualisation
ETL (Extract, Transform, Load)	Real-Time Data Streaming	Cross-Functional Collaboration
Machine Learning Pipelines	Data Lake Management	Stakeholder Communication
Data Warehousing	Batch Processing	Agile & Scrum Methodologies
Big Data Processing	Data Ingestion	Problem-Solving & Critical Thinking

PROFESSIONAL EXPERIENCE

Data Engineer
Amdari Inc.- UK   **September 2025 - Present**

- Developed automated ETL pipelines using Python, SQL, and Apache Airflow, increasing data processing speed by 30% and handling ~20M records daily across multiple data sources.
- Optimized big data transformations using Apache Spark (PySpark), reducing ETL job runtime by 60%, which accelerated analytics delivery for business users.
- Enhanced PostgreSQL performance by applying B-tree indexing, query partitioning, and materialized views, cutting average query latency from 5s to 3s (40% faster) for dashboards in Power BI.
- Integrated hybrid cloud storage on AWS S3 and Azure Blob Storage, achieving £10,000 quarterly savings through automated archival and tiered storage strategies.
- Implemented data validation and anomaly detection with Python (pandas, NumPy) and SQL, improving data accuracy by 25% and ensuring compliance with internal data governance standards.
- Automated CI/CD workflows for ETL deployment via Jenkins and GitHub Actions, reducing deployment errors by 40% and improving pipeline reliability across environments.
- Collaborated with cross-functional teams (Data Analysts, BI Developers, and DevOps Engineers) to streamline reporting workflows, improving dashboard refresh frequency from once daily to every 12 hours (50% gain).
- Delivered actionable data insights by supporting visualization in Tableau and Power BI, helping business stakeholders reduce report turnaround time by 35%.

Full-Stack Web Developer
AMATIP IT Consulting Ltd   **January 2024 – Present**

- Developed responsive, interactive front-end interfaces for e-commerce and internal platforms using React, HTML, CSS, and JavaScript, improving usability and engagement.
- Collaborated closely with UX/UI designers and backend engineers to enhance user interfaces, resulting in a 20% increase in customer engagement.

- Optimized web applications for speed, accessibility, and SEO, reducing page load times by 25% through Lighthouse audits and industry best practices.
- Integrated RESTful APIs to enable dynamic content updates and seamless client-server communication, enhancing real-time functionality.
- Participated in Agile/Kanban sprints, conducting daily stand-ups and using JIRA and Confluence to ensure on-time delivery of production-ready features.

Frontend Web Developer

Gwatavri Business & Technology Handling Ltd   **April 2023 – January 2024**

- Built responsive, user-friendly web interfaces using HTML, CSS, JavaScript, and Tailwind, for both internal tools and client-facing applications.
- Integrated front-end templates with backend systems, ensuring cross-browser compatibility, consistent performance, and smooth user experiences.
- Participated in code reviews, debugging, and Agile sprints, delivering production-ready features efficiently and maintaining high-quality standards.
- Optimized web applications for SEO and accessibility compliance, improving user engagement metrics by 15%.
- Collaborated with designers and backend developers to implement UI/UX improvements, enhancing usability and visual appeal.
- Conducted performance testing and troubleshooting, ensuring seamless functionality across devices and browsers.

HTML Developer (Apprenticeship)

Gwatavri Business & Technology Handling Ltd   **January 2022 – April 2022**

- Translated wireframes and mockups into functional HTML/CSS code, ensuring consistent performance across multiple browsers and devices.
- Maintained and updated client websites, ensuring compliance with SEO and accessibility standards to improve visibility and user experience.
- Collaborated with designers and developers to implement layout, styling, and navigation improvements, enhancing overall website usability.
- Conducted cross-browser testing and debugging, resolving compatibility issues and ensuring seamless display and functionality.

Restaurant Manager

Food Concept PLC (Chicken Republic)   **May 2019 – January 2022**

- Managed daily restaurant operations, including staffing, inventory, scheduling, and workflow optimization, improving overall team productivity by 25%.
- Oversaw financial reporting and budget management, identifying cost-saving opportunities and optimizing operational expenditures.
- Collaborated with cross-functional teams to enhance service delivery, customer experience, and operational efficiency.
- Implemented training and development programs for staff, improving performance, reducing errors, and increasing employee retention.
- Monitored customer feedback and service metrics, introducing process improvements to boost satisfaction and maintain high-quality standards.

EDUCATION

BEng – Chemical Engineering | Federal University of Technology, Minna | 2017

CERTIFICATION

Data Engineering - 10Alytics 2025
Full-Stack Web Development (ReactJS | NodeJS) – Amatip IT Consulting Ltd, London (2024)
Cloud Architect Certification
Member, British Computer Society (BCS)
Advanced Python Programming