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### *Personal Details*

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### *Professional Summary*

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Big Data Engineer and Business Intelligence (BI) professional with experience in building scalable data pipelines, distributed data processing systems and cloud-based analytics solutions. I am skilled in designing end to end ETL/ELT workflows, optimizing big data performance using tools like Apache Spark and NiFi and enabling real time, data driven decision making through collaborative, cross-functional projects.

### *Professional experience*

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#### **01/2025 – Current: Data Analytics AI Agents Developer**

- Designing multi-agent systems for task automation using CrewAI and LangChain
- Building Large Language Models (LLMs) for data analysis
- Integrating AI agents with n8n workflows and other services e.g., APIs and databases
- Robotic Process Automation (RPA) using Python

#### **09/2024 – 11/2024: Business Intelligence Analyst**

##### **Oracle**

- Engineered and maintained scalable ELT pipelines using Oracle Data Integrator (ODI), enabling real time ingestion, transformation, and loading of high volume datasets.
- Orchestrated big data processing jobs using Apache Airflow and Spark, significantly improving processing times for data science workflows.
- Developed interactive dashboards with Oracle Analytics Server and Power BI, empowering commercial teams with real time insights and ad hoc reporting capabilities.
- Partnered with cross-functional teams to gather data requirements, align metrics with business KPIs, and deliver tailored analytics solutions.

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**12/2023 – 08/2024: Data Analyst****ICT Authority**

- Developed high throughput data pipelines using Apache NiFi to ingest, transform, and route structured data from disparate government systems into a centralized staging layer.
- Optimized SQL queries and schema designs to improve data retrieval performance across relational and cloud native databases.
- Conducted end to end data validation, cleansing, and enrichment processes using Python and SQL, ensuring data quality and governance compliance.
- Delivered cloud-based analytics by integrating AWS S3, Athena, and QuickSight, supporting scalable and cost efficient reporting environments.
- Automated executive reporting through dynamic Power BI dashboards, reducing manual reporting efforts and accelerating decision timelines.

***Skills***

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- BI & Reporting Tools: Power BI, Oracle Analytics Server (OAS)
- Programming & Analysis: Python, SQL
- Database Technologies: MySQL, PostgreSQL, Oracle, AWS S3, Athena
- ETL & Data Engineering: SSIS, Oracle Data Integrator (ODI), Data Warehousing
- Cloud & Infrastructure: AWS
- Data Governance & Monitoring: Data validation, cleansing, RPA, workflow automation
- Dashboard Development, Management & Automation
- Big Data Technologies: Apache Spark, NiFi, Airflow, Hadoop

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***Education background***

**05/2019 – 04/2023:** Bachelor of Science in Business Information Technology,  
Dedan Kimathi University (Second Class Honors – Upper Division)

***Professional training***

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05/2024: Oracle Cloud Data Management – Foundations Associates

05/2024: Google Data Analytics

04/2024: Oracle Cloud Infrastructure – AI Foundations Associate

08/2023: Oracle Cloud Infrastructure – Foundations Associate