OFENTSE THIBEDI

Data Analytics & AI Systems Builder

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PROFESSIONAL SUMMARY

Data-driven builder with hands-on experience designing AI-powered systems, analytics pipelines, and digital products across multiple verticals. Proven ability to translate complex business problems into structured data models, automated workflows, and deployable applications. Combines product strategy with technical execution — fluent in SQL, Python, Power BI, and AI API integration. Co-founding Auralith, a SaaS company targeting operational digitization for African SMEs. Seeking a role where analytical rigour and AI system design drive measurable business outcomes.

CORE COMPETENCIES

Data Analytics & Modelling	**SQL (CTEs, Joins, Views)**	**Python (Pandas, EDA)**
Power BI & DAX	**AI API Integration**	**Supabase / PostgreSQL**
Product & Systems Design	**Process Automation**	**Data-Driven Decision Making**

TECHNICAL SKILLS

Languages & Query: Python (Pandas, NumPy, EDA), SQL (SQLite, PostgreSQL — CTEs, JOINs, Views, Window Functions)
Data & BI: Power BI (DAX, drill-through, bookmarks, budget analysis), Google Colab, Data Modelling
AI & APIs: Anthropic Claude API, Google Gemini API, AI prompt engineering, LLM-powered app design
Databases: Supabase (PostgreSQL), SQLite, schema design, relational modelling
Dev & Build: React (PWA), Node.js, REST APIs, Upstash Redis, Resend, Google AI Studio
Tools: Google Workspace, Trello, Canva, Figma (prototyping), GitHub

PROFESSIONAL EXPERIENCE

Team Leader
Nov 2025 – Present

Sirius Sales | Johannesburg, SA

- Lead a sales team across day-to-day operations, performance tracking, and execution alignment against targets.
- Report on team performance metrics to management, identifying gaps and implementing corrective action plans.
- Mentor and coach team members, facilitating onboarding, skills development, and consistent process adoption.
- Coordinate cross-functional engagement with suppliers and internal stakeholders to drive operational efficiency.
- Manage escalations and resolve team-level operational issues impacting product availability and sales performance.

Product & Operations Analyst
Jan 2020 – Oct 2025

Sirius Sales | Johannesburg, SA

- Analysed performance data across 7+ supplier portfolios, tracking SKU-level metrics to surface improvement opportunities and inform commercial decisions.
- Designed internal process frameworks that improved sales execution efficiency — adopted company-wide.
- Produced structured performance reports and operational insights to support management decision-making.
- Coordinated cross-functional supplier engagement and training, improving product knowledge alignment.
- Identified and resolved workflow inefficiencies impacting product availability and revenue performance.
- Supported product launches through structured planning, documentation, and execution coordination.

Retail Data & Merchandising Specialist

Jan 2012 – Dec 2017

Mainstreet Field Services | Johannesburg, SA

- Produced weekly sales insight reports that directly informed store-level decision-making and strategy.
- Applied data-driven merchandising and display optimisation to drive consistent sales growth.
- Developed staff training materials and facilitated onboarding sessions for new team members.
- Identified and implemented workflow improvements that streamlined multi-team operations.
- Managed procurement coordination with vendors, ensuring timely supply and service delivery.

KEY PROJECTS

PromoteForce — AI-Powered Staffing Platform

Designed and built a scalable staffing marketplace with role-based access control, a 20-table PostgreSQL schema, and a full shift lifecycle management system. Integrated real-time state management and multi-region workforce coordination.

Stack: *Supabase (PostgreSQL), Upstash Redis, Resend, Google AI Studio, React*

Auralith FieldOS — SME Operations SaaS

Co-founding a SaaS platform targeting operational digitization for African SMEs. Architected five service divisions (AI, Systems, Analytics, Studio, Ops) with an associate engagement model including revenue sharing and quality gates.

Stack: *Product strategy, SaaS architecture, AI integration, stakeholder design*

Maji Ndogo Analytics Project (ALX/ExploreAI)

Designed and queried a multi-table SQLite agricultural and water services database. Built Power BI dashboards with DAX measures, budget vs actuals analysis, vendor performance drill-through, and bookmark-driven navigation.

Stack: *SQL (SQLite), Python, Power BI, DAX, Google Colab, Data Modelling*

QuantTrader Assistant

Built a rule-based trading decision support system implementing Smart Money Concepts (SMC). Features include structured trade journaling, compliance monitoring, risk management rules, and an analytics dashboard for performance tracking.

Stack: *Python, data analytics, rule-based logic, dashboard design*

Vocational Assessment Platform

Developed an AI-powered vocational assessment system for learners with literacy challenges (ages 10–18). Supports seven trade modules using voice input, Gemini AI scoring, and offline-capable PWA delivery.

Stack: *React (PWA), Google Gemini API, Supabase, Web Speech API*

Sirius Field — Offline-First Field CRM

Designed an offline-first field sales CRM for store execution, task tracking, and order management. Defined full product requirements, user journeys, and data workflows based on real field operations experience.

Stack: *Product design, CRM architecture, offline-first UX, workflow mapping*

EDUCATION & CERTIFICATIONS

Introduction to Model Context Protocol (MCP) *Jul 2026*

Anthropic Academy

Model Context Protocol fundamentals — connecting AI models to external tools, APIs, and data sources via the MCP standard.

Claude Code 101 *Jul 2026*

Anthropic Academy

Foundations of Claude Code — agentic coding workflows, CLI-based AI development, and task automation using Claude Code.

Claude Code in Action *2025*

Anthropic Academy

Hands-on Claude Code development — building real systems and AI-powered workflows using Claude Code in production-style environments.

Claude with the Anthropic API *2025*

Anthropic Academy

Practical API integration — prompt engineering, structured API calls, and building AI-powered applications using the Claude/Anthropic API.

AI Fluency: Framework & Foundations *2025*

Anthropic — accredited by UCC, Ringling College of Art & Design, HEA & National Forum

AI concepts, frameworks, and foundational principles. Internationally accredited Certificate of Completion.

Data Engineering Certificate *Sep 2025 – Present*

ALX / ExploreAI Academy — Johannesburg

SQL, Python, Power BI, data modelling, professional foundations. Integrated project work on multi-table SQLite databases and BI dashboards.

AI Career Essentials *Jun 2025 – Sep 2025*

ALX — Johannesburg

AI fundamentals, practical AI applications, entrepreneurial empowerment.

AWS AI & ML Scholars Program *2024*

Amazon Web Services

Machine learning fundamentals, cloud AI services, and applied ML concepts.

National Senior Certificate (Matric) *2009*

Meadowlands High School — Johannesburg