Unarine Masiavhula

DEVELOPER AND DATA ANALYST

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PROFILE

Developer and analyst building intelligence products: AI agents, procurement platforms, and public-interest dashboards. I work AI-first, moving from idea to working product quickly, then hardening the parts that matter.

EXPERIENCE

Independent developer and analyst

2025 to present

- Designed and shipped an AI oil-trading agent with an on-chain track record on HashKey Chain.
- Built a public intelligence dashboard for South Africa's Madlanga Commission: transcript search, case network, and contradiction analysis.
- Delivered procurement and bid-intelligence tools for security and construction firms, including a Bill of Quantities PDF-to-Excel converter.

SELECTED PROJECTS

Oil Desk Agent

Python, LLM agents

Reads oil-market signals, forms a view, and executes trades on HashKey Chain.

Madlanga Commission dashboard

R and Shiny, Python, NLP

Public search and network analysis across commission transcripts, with story maps and contradiction analysis.

Bid intelligence suite

TypeScript, document AI

Tender and procurement tooling for security and construction firms, including PDF and Excel conversion.

CyberLab Simulator

Product, web, security

Cyber-range product and sales site for realistic incident-response practice.

CAPABILITIES

Data

Python, pandas, SQL, R and Shiny, data modelling, dashboards

AI

LLM integration, retrieval, agentic workflows, evaluation

Product

TypeScript, React, Streamlit, Cloudflare Pages and Workers

References available on request. This CV also lives at unarine.work.