

LEHLOHONOLO DUNCAN MOLABA

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"I am driven by financial discipline and operational efficiency. If an organization is not optimistic about the future of technology, I am definitely not for them."

— **Lehlohonolo Duncan Molaba**

PROFESSIONAL SUMMARY

Full-stack software engineer, technical lead, and secure infrastructure technician specializing in Google Cloud Platform (GCP), Hostinger cloud infrastructure, Flutter mobile development, Antigravity AI, GitHub Copilot, Claude Code, OpenAI Codex, Model Context Protocol (MCPs), custom ERP development, and e-commerce platforms.

TECHNICAL SKILLS

- Languages:** Python (Primary), C#, TypeScript, JavaScript, HTML5/CSS3, SQL, Bash.
- AI Developer Tools:** Antigravity (Google DeepMind Agentic AI), GitHub Copilot, Claude Code, OpenAI Codex, Model Context Protocol (MCPs), Gemini CLI, Intel OpenVINO, crewAI, RAG Pipelines, Taskade AI, Notion AI, Zapier AI Triggers, Ethical AI.
- Frameworks & Mobile:** Flutter, React, Vite, Node.js, .NET WPF, Flask, Tailwind CSS.
- Cloud & Infrastructure:** Google Cloud Platform (GCP - Primary), Hostinger Cloud, AWS, Linux/Windows Admin.
- Certifications & Security:** CompTIA A+ / Network+ / Security+ Combined Curriculum, Systems Engineering.

WORK EXPERIENCE

Co-Founder & Chief Technology Officer (CTO) | **CartZA App** (cartza.co.za)

February 2025 – Present

- Enterprise Merchant Infrastructure:** Digitized order processing and payment APIs for major campus food vendors including **WOW Foods** and **The Deli**, serving +34,000 users.
- Cloud Backend:** Architected backend services on Google Cloud Platform (GCP) and Hostinger Cloud with Ozow/Paystack integration.
- Team Leadership:** Direct operations and technical workflows for **25 student delivery partners**, alongside mentoring a student executive leadership committee.
- Honors & Awards:** 🏆 1st Place Digital Transformation (MTN) & 2nd Place Entrepreneurial Leadership (Harmony Gold) at Enactus 2026 | 🌍 **SWEAT Africa** | 🏆 **Free State Top 10** (YAIE x ABSA) | **EDSA 2025 Winner** | 🇷🇷 **UFS Honours Case Study**.

Founder & Operations Manager | **Motorbike Rental Venture**

June 2024 – February 2025

- Individual Leasing & Sale:** Procured and leased 2 commercial motorcycles to individual delivery couriers, managing maintenance before executing a planned asset sale.

Founder & E-Commerce Systems Lead | **Take Essentials**

November 2024 – Present

- D2C E-Commerce Infrastructure:** Built automated checkout, inventory sync, and digital catalog pipelines for a multi-category D2C brand (**Fashion, Gadgets, Fragrances**).

Founder & Lead Software Engineer

| Infralitix (

infralitix.co.za

)

March 2025 – Present

- **Autonomous Partner Structure:** Co-founded alongside 2 equity partners (Design Lead & Sales/Ops Lead). Trained partners in technical maintenance support.

EDUCATION & CERTIFICATIONS

- **BSc in Computer Science** — University of the People (*In Progress*)
- **BCom in Financial Management** — MANCOSA (*In Progress*)
- **Secure Infrastructure Technician (CompTIA A+ / N+ / S+ Combined)** — Boston City Campus (*July 2024*)
- **Generative AI Course for Software Engineers** — WeThinkCode
- **Multi AI Agent Systems with crewAI** — DeepLearning.AI
- **Software Engineering Intensive Bootcamp** — WeThinkCode (*Feb 2023*)
- **National Senior Certificate (Matric)** — Completed in record time with a **Bachelor's Pass**

PROFESSIONAL REFERENCES

- **Richard Molefe** — Co-Founder & CEO, CartZA App | National Chairperson, BMF Student Chapter.
- **Mrs. Chipo Mtabo** — Manager & Enterprise Advisor, UFS Business Incubator.