



Hey, welcome to my corner of the internet. I am

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METRES

ARTHUR KISAKA

AI & Innovations Consultant | Petroleum Engineer

I bridge ideas and reality through AI solutions, systems engineering, and innovation. My mission is to create opportunities for everyone I encounter to be the best version of themselves and promote a society that equally values all of its members.



About Services

SERVICE

Workflow Automation

DESCRIPTION

n8n-based integrations for business processes

EXAMPLE IMPACT

Automated CRM and newsletters, saving 20 hours/week

SERVICE

Agentic AI Development

DESCRIPTION

Custom AI agents & tools for data retrieval and interpretation (e.g., lithology from well logs)

EXAMPLE IMPACT

Reduced analysis time by 50% in exploration projects

SERVICE

Manufacturing Systems Optimization

DESCRIPTION

Layout design, process audit and optimisation

EXAMPLE IMPACT

20% throughput increase in manufacturing

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**SERVICE**

Product Innovations Advisory

DESCRIPTION

Product innovations(beverage/packaging) from idea to GTM strategy

EXAMPLE IMPACT

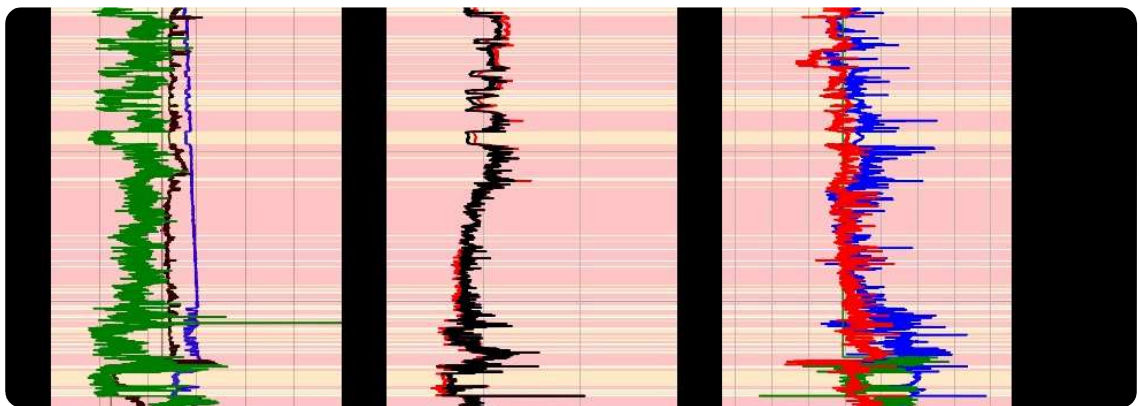
Introduced new product/packaging innovation in 9 months with ROI of 2 years

Featured Work

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ML Lithology Interpreter



Final year project: Automated interpretation of well log lithology using machine learning. Built classification models to identify rock types from geophysical logs, reducing interpretation time and increasing accuracy for petroleum exploration.

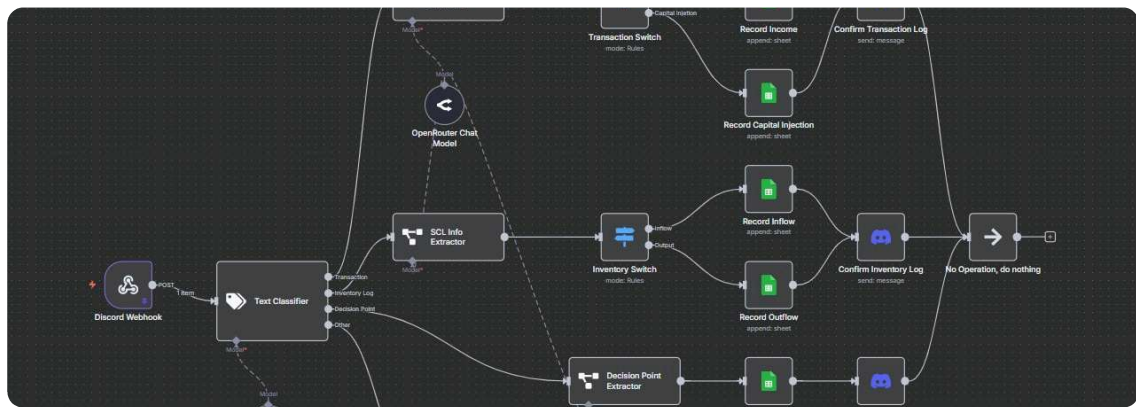


Python

Machine Learning

Petroleum Engineering

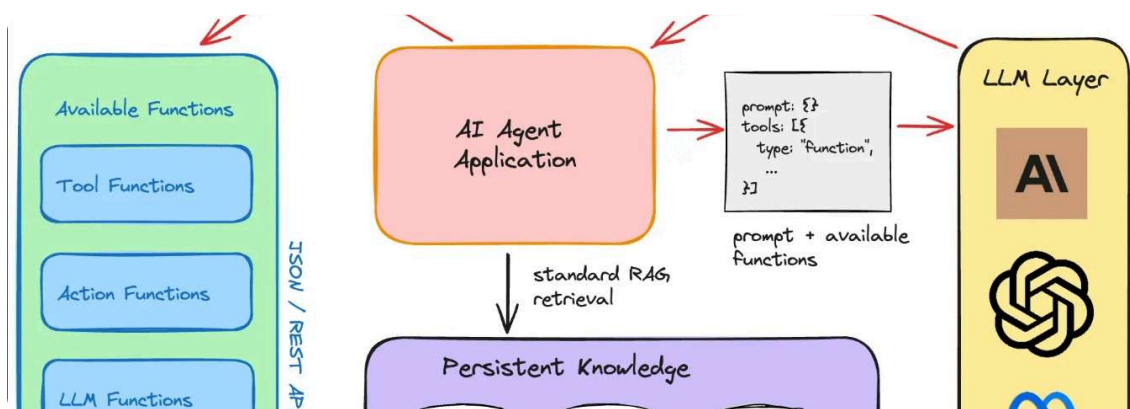
AI Workflow Automation



Designing and deploying intelligent automation workflows for business processes. From contact form handling to newsletter signups and CRM integration, bridging AI capabilities with practical business needs.

n8n AI Automation Integration

Hackathon Submission



Development of an Agentic AI Retrieval Augmented Generation (RAG) system that analyses geophysical well data and can perform operations such as information retrieval and inference.



Innovation

Agentic AI

RAG Frameworks

Rapid Prototyping



5.8 Gin & Tonic Development



Coordinated end-to-end product development from business case development, recipe formulation through lab trials, sensory evaluation, packaging design, and commercial rollout. Coordinated cross-functional teams to bring a premium and natural premixed gin & tonic with three variants to market.

Product Development

Innovation

Project Management

Professional Layers

Co-Founder

Ramani Honey | Nairobi



2025 - Present

- Setting up a honey aggregation, marketing and distribution business
- Partnering with farmers to source for authentic honey
- Integrating AI workflows and agents to support business activities

Innovations & Projects Associate

African Originals | Nairobi

2023 - 2025

- Coordinated the development of new product innovations: 5.8 Gin & Tonic, Mara Gin, KO Dry Cider & KO Klub
- Led renovation of African Originals offices from warehouse sourcing to execution
- Led internal and external sensory sessions to validate product quality, refine recipes, and gauge consumer sentiment
- Designed and rolled out SOPs for structured consumer research
- Facilitated cross-functional collaboration across finance, commercial, marketing, supply chain, and production
- Implemented packaging design for Mara Gin
- Developed automated Google Sheets tracker for innovation projects
- Executed lab and pilot trials for recipe development

Engineering Projects Assistant

Premier Foods Industry Limited | Nairobi

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2022 - 2023

- Spearheaded ginger process automation, boosting throughput by 45% through washer, juicer, and filter integration
- Coordinated fabrication of mango ripening crates to optimize space and support mango puree production
- Implemented water sustainability initiative by increasing storage, sub-metering, and rainwater harvesting
- Produced detailed P&IDs, plant layouts, and technical drawings using AutoCAD and SolidWorks
- Participated in sensory evaluation committee to assess new products

Student Chapter President

Society of Petroleum Engineers Kenyatta University Student Chapter

2020

- Spearheaded the realignment chapter activities to a virtual environment during a global pandemic with a zero-budget implication due to industry downturn.
- Coordinated the formulation and implementation of a strategic vision for the chapter in three areas: Global Outlook, Industry Ready and Technical Emphasis
- Initiated SPE KUSC technical sessions to boost technical competence of members in line with relevant and emerging technologies such as CAD, AI and IoT
- Fostered collaboration with other Student Chapters within East Africa (UoN, MKU, Makerere, University of Dar Es Salaam) and relevant institutions.

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- Oversaw and participated in the editing and publication of two issues of the PetroBrief newsletter

Lab Attache

Ministry of Mining & Petroleum | Nairobi

2019

- Conducted geological investigations including petrographic analysis, pulverization, X-ray imaging, and chemical analysis
- Developed lab reports based on client needs for mineral exploration, including a meteorite analysis

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Beyond the Core

Sometimes the best discoveries happen off the main path. Here's what fuels my curiosity outside of work.





Beekeeping teaches patience, observation, and respect for complex systems. I am fascinated by the life of the honeybee, being able to immortalise flowers with such sweet returns is not appreciated enough

Running & Cycling



No human is limited. I would like to see how far my body can go and I enjoy the discipline of endurance sports. Follow me on Strava and give me a kudos, I am BEGGING you, thanks 🏆.

Travel

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Exploring new places, cultures, and perspectives. Every journey is a geological survey of human experience.

Reading



Reading allows us to imagine, to explore and to learn. Sometimes I'm deep into a biography understanding how different people spent their lives, other times I'm looking into the history of an area of interest and there is the occasional fiction to keep novel ideas flowing.

Listening to podcasts



Founders



I enjoy listening to podcasts that cast a different perspective on life and help me to appreciate the wisdom of others. My favourites are Founders and Financially Incorrect,

  [DEVIATION DETECTED - CLICK TO EXPLORE](#)  



Secrets of the Deep

Ready to bridge AI and reality?

Let's craft solutions that transform your business. I'm here to help you become the best version of yourself; not with robotic implementations, but with thoughtful, human-centered AI consulting.

YOUR NAME

EMAIL ADDRESS

YOUR MESSAGE

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