

Name: ANTONY MWANGI NJIRAINI

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portfolio: <https://niklaus-website.vercel.app/>

## **PROFESSIONAL SUMMARY**

Multidisciplinary technology practitioner that has experience in Generative AI engineering, data analytics, graphic design, front-end development, and creative coding. Expert in utilizing the high-level AI models to design groundbreaking solutions, working with complicated data to stimulate actionable ideas, and producing visually attractive designs and interactive online experiences. Skilled in combining technical expertise with creative thinking to produce customer-focused products of high standards. Good team spirit and desire to bridge the technology, design, and user interaction.

## **TECHNICAL SKILLS**

### Generative AI / Machine learning

- Prompt Engineering
- Natural language Processing
- Building and fine-tuning generative AI models(text, image, audio)
- Deep learning frameworks
- Data preprocessing, model evaluation, and deployment

### Data Analysis / Data Engineering

- Data cleaning, transformation, and visualization
- Statistical analysis and predictive modeling
- SQL, NoSQL, and relational database management
- ETL pipelines and data integration
- BI reporting and dashboards

### Graphic Design / Creative Design

- UI/UX design principles and prototyping
- Visual design for web, mobile, and digital media
- Typography, color theory, and branding
- Motion graphics & animation
- Design thinking & ideation

- Adobe Creative Suite and Canva

### Vibe Coding / Creative Coding

- Generative art and algorithmic visuals
- Creative use of Javascript libraries(p5.js,Three.js)
- Interactive media and experimental web experiences
- Combining AI-generated assets with front-end interactivity
- Rapid prototyping and playful coding explorations

### Frontend Development

- React.js
- Next.js
- JavaScript (ES6+)
- HTML5 & CSS3
- Responsive UI Design

### Tools & Technologies

- OpenAI API
- PyTorch
- Jupyter Notebook
- Docker
- Git & GitHub
- Deployment (Vercel)

### EDUCATION

Chuka University-Tharaka Nithi County, Kenya  
Bachelor of Science in Applied Computer Science  
2025 – Present

Kiamutuiru Secondary School– Kirinyaga County, Kenya  
KCSE | Grade: B  
2020 – 2024

Kiamutuiru Primary School – Kirinyaga County, Kenya  
KCPE | 331 Marks  
2010 – 2019

## CERTIFICATIONS

- WorldQuant Brain – GOLD level Accomplishment
- KESAP Researchers Kenya – Data Analysis(R,SPSS,STATA)
- Kenya Certificate of Secondary Education (KCSE)
- Kenya Certificate of Primary Education (KCPE)

## LANGUAGES

- English – Fluent
- Swahili – Fluent

## INTERESTS


- Exploring new web technologies
- Building side projects
- Physical workout
- Listening to music

## REFEREE

P.O BOX

669-Kerugoya

Mrs Judy Njiraini

 0715 873 875