

KAHENI PETER

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Portfolio Website: <https://KaheniSatima.github.io/kaheni-portfolio>

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PROFESSIONAL SUMMARY

Results-driven Computer Science student (graduating Oct 2025) with strong skills in software development, AI/ML, and data-driven problem-solving. Experienced in building scalable web applications, intelligent systems, and digital solutions through academic, internship, and freelance projects. Passionate about applying technology to solve real-world challenges.

TECHNICAL SKILLS

- **Programming:** Python, Java, JavaScript, PHP, C++
- **Web Development:** HTML, CSS, JavaScript, React, Flask, Django
- **Databases:** MySQL, PostgreSQL, MongoDB
- **AI & ML:** Scikit-learn, TensorFlow, NLP, Computer Vision
- **Tools:** Git/GitHub, VS Code, Figma, Canva
- **Others:** SEO, Social Media Management, REST API Development

WORK EXPERIENCE

1. IT Specialist (Attachment)

International Jaamia of Languages and Professional Studies (IJLAPS), GIGIRI Branch
May – July 2024

- **Problem:** Staff faced challenges with outdated manual processes, weak digital systems, and limited IT knowledge.

- **Solution:** Provided IT support and training, managed and secured networks, updated the institution's website, and transitioned manual processes into digital systems.
- **Impact:** Improved operational efficiency, enhanced data security, strengthened online presence, and empowered staff with digital skills.

Key Achievements:

- Strengthened IT Infrastructure & Network Security.
 - Drove Digital Transformation & Automation.
 - Enhanced Website & Online Presence.
 - Provided Tech Support & User Training that improved staff productivity.
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2. IT & Digital Solutions Intern

Mwangaza Wellness & Medical Centre

June – July 2025

Website: www.mwangazawellness.co.ke

- **Problem:** The organization lacked a strong digital presence and efficient IT systems to reach and engage patients effectively.
- **Solution:** Designed and optimized the official website, created and managed social media campaigns, developed digital marketing strategies, and provided IT support to streamline internal processes.
- **Impact:** Increased online visibility and accessibility of healthcare services, boosted social media engagement by 30%+, enhanced patient outreach, and improved operational efficiency through IT solutions.

Key Achievements:

- Launched and optimized healthcare website for greater accessibility.
 - Improved brand awareness and engagement through digital marketing.
 - Streamlined IT operations, enhancing staff productivity.
 - Strengthened overall digital strategy for patient-centered service delivery.
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EDUCATION

Bachelor of Science in Computer Science

Karatina University

Expected Graduation: October 2025

Relevant coursework: **Software Engineering, Machine Learning, Data Structures, Algorithms, Web Development, Database Systems**

PROJECTS

1. Mwangaza Wellness & Medical Centre Website

- **Problem:** The organization lacked an online presence, limiting accessibility to healthcare information and services.
- **Solution:** Designed and developed a responsive website to showcase services, improve visibility, and connect patients with healthcare providers.
- **Impact:** Improved patient access to information, increased online visibility, and enhanced trust in the medical centre's services.

www.mwangazawellness.co.ke

2. HireLens (AI Recruitment Tool)

Tech Stack: Python, NLTK, Sentence-Transformers, Scikit-Learn, Gradio, Torch

- **Problem:** Recruiters faced challenges in accurately matching candidates with job opportunities.
- **Solution:** Built an AI-powered tool that analyzes resumes and job descriptions to recommend the best candidate-job matches.
- **Impact:** Increased recruitment efficiency, reduced manual screening time, and improved candidate-job fit.

<https://huggingface.co/spaces/KaheniPeter/Hirelens>

3. Universal Mini Translator (AI Language Translation Tool)

Tech Stack: Python, Transformers, Hugging Face, Gradio, Sentencepiece, Sacremoses, Accelerate, Langdetect, Torch

- **Problem:** Language barriers hindered communication between diverse audiences.
- **Solution:** Developed a multilingual AI translator with fast, accurate, and user-friendly translation capabilities.
- **Impact:** Enabled seamless cross-language communication, improved accessibility, and supported global collaboration.

<https://huggingface.co/spaces/KaheniPeter/universal-mini-translator>

4. AI Career Advisor (AI Career Guidance System)

Tech Stack: Python, Streamlit, Sentence-Transformers, Scikit-Learn, Torch

- **Problem:** Many individuals struggle with uncertainty when choosing suitable career paths.
- **Solution:** Created an AI-based advisor that analyzes users' skills and interests to recommend personalized career paths.
- **Impact:** Helped individuals make informed career choices, increased confidence in career planning, and improved alignment of skills with job opportunities.

<https://huggingface.co/spaces/KaheniPeter/AI-Career-Advisor>

REFERENCES

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