CHERUTO CHARITY
DATA SCIENTIST | AI/ML ENGINEER
[LinkedIn](#) || [GitHub](#) || [Email](#)
[Kaggle](#) ||

Skills

Programming Languages:	JavaScript, PHP, R, SQL, C, C++, Java, Python, .NET, HTML, PowerShell
Libraries/Frameworks:	Next JS, Web3Js, Sass CSS, Tailwind CSS, Bootstrap, NodeJS, Express JS, Custom, Pandas, Matplotlib, word press, React Js, TensorFlow, Py Torch, Fast API, Flask, Django, Angular.js
Tools / Platforms:	Git, GitHub, GitHub actions, Redux, Postman, Docker, AWS, Azure, Prisma, Kaggle
Databases:	MySQL, Postgres, MongoDB, MS SQL
Creative Tools:	Photoshop, Inkscape, Premiere Pro, Lightroom, Figma, Canva

Education

Mount Kenya University , Kiambu, Kenya
Bachelor of Science in Computer Science   Sep 2022-2025 - Present

Mount Kenya University , Kiambu, Kenya
Diploma in Information Technology   Jan 2020 – July 2022

Experience

Beemultiscents – *Software Engineer*

Full time |May 15th – August 15th 2025

- Revamping the company's website from React and Node.js to Django fully

- Worked with the marketing team to speed up the launch process.

Inovex Solutions, Nairobi- *AI Data Annotator*
Remote |Sept 2024 - Nov 2024

- Helped in creating an AI model that insurance companies will soon use.
- Verified accuracy and sorted information to prepare source data for the model.

Thika Technical Institute – *Technical Assistant*

Thika | Jan 2022 - April 2022

- Assisted engineers, developers, or specialists by handling technical tasks like troubleshooting, data analysis, documentation, and software or hardware support.

- Assisted with research, maintaining systems, and ensuring smooth operations in technical projects.

Projects

CBA Advocates Management Information System (MIS)
   Technologies: HTML, CSS, PHP, MySQL
- Developed a custom MIS for CBA Advocates to streamline case management and administrative tasks with a secure portal for advocates and staff.
- Automated workflows and integrated payment processing to improve operational efficiency and overall performance.
Live Site: [CBA Advocates](#)

Personal Portfolio

- Developed a personal portfolio website showcasing projects, skills, and experience using modern web technologies for a professional online presence.

- Implemented interactive UI/UX elements and responsive design, ensuring seamless navigation across all devices and enhancing user engagement.

Hail AI/ /Dyslexia-Assistant-Learning-system

- HAIL AL is an AI-powered personalized assistant designed to support individuals with dyslexia by enhancing reading, writing, and comprehension skills. It provides text-to-speech, summarization, and other accessibility features to make information more digestible and user-friendly.

  Link site: [GitHub](#)

Sports Analysis System

- SPAS is a local sports analytics platform that provides football and basketball clubs and other Sports fields with player statistics, performance metrics, and injury history, integrating data from club websites and Kaggle. It allows users to compare players, view detailed stats, and access football match predictions, making data-driven insights easily accessible. Its full form is Sports Players Analysis System.

  Link site: [GitHub](#)

Certifications

- Introduction to Cloud Computing 101
- Cloud visualization concepts badge
- IBM SQL and Relational Database
- Python Essentials 1
- AI Hackathon Certificate
- AI for Education Hackathon
- Women in Digital Marketing Certificate
- Digital Product Management Certificate
- Introduction To Generative AI

Referee's

Kennedy Kaunda
Agricultural Engineer | Thika Technical Institute
Phone: 0708441081
Relationship: Supervisor.

Alex Simel
AI Project Lead | Inovex Solutions, Nairobi
Email: alexcmel002@gmail.com
Phone: 0 715 317765
Relationship: Project Lead