

RONALDO CHERUIYOT

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💡 Career Objective

Detail-oriented software engineer with a solid foundation in **full-stack development, data modeling, AI-driven solutions, and cloud-driven solutions**. Skilled in designing scalable backend systems, developing secure applications, and leveraging analytics for data-driven decision-making. Passionate about solving complex problems through technology, while fostering collaboration, continuous learning, and innovation. I bring a growth-oriented mindset developed through mentorship, project leadership, and contributions to impactful tech initiatives.

💡 Education and Certificates

KCA University

Bachelor of Science in Applied Computing
Sep 2022 – Apr 2026

ALX Software Engineering Program[cert]

Full-Stack Development (Back-end Focus)
Nov 2022 – Jan 2024

ALX AI Career Essentials[cert]

Data Literacy, Machine Learning Fundamentals
Mar 2024 – May 2024

PLP Academy[cert]

Software Development Bootcamp
Jan 2024 – May 2024

Aspire Institute[cert]

Leadership Development Program
Jun 2024 – Nov 2024

Cheborge Boys High School[cert]

High School Diploma
May 2021 – Apr 2022

Zetech Business & Technical Institute (ZBT)[cert]

Proficiency Certificate (Distinction)

Covered: MS Office Suite, Internet & Email, IT Concepts
May 2022 – Jul 2022

[AIMS African Institute for Mathematics and Science \[cert\]](#)

Certificate of Participation – Building Your Own Chatbot Workshop

Topics covered: Conversation Dataset Creation, Experimentation, Evaluation, and Testing, Retrieval-Augmented Generation (RAG), Fine-tuning LLMs, Model Deployment
Jan 2025

[Kubernetes and Cloud Native Essentials \[cert\]](#)

Certificate of Completion – LFS250

Topics covered: Kubernetes fundamentals, container orchestration, cloud-native architecture, deployments, and cluster management

June 06, 2025 – LF-yzm9nnnatm

Key Skills & Tools

Data & Modelling: Python (Pandas, NumPy), SQL, Excel, Financial Modelling, Power BI (Dashboards, DAX, Power Query)

Backend Development: Node.js, Express.js, RESTful APIs, JSON

Frontend Technologies: HTML, CSS, JavaScript

Databases: MySQL, SQLite, SQL Server

AI & NLP: Conversational AI, Dataset Preparation, RAG (Retrieval-Augmented Generation), LLM Fine-tuning, Model Deployment

Cloud & Infrastructure: Kubernetes, CI/CD pipelines, RESTful APIs

Others: Git & GitHub, C#, C++, PHP, DevOps (Basic), Tableau (Beginner)

Soft Skills: Leadership, Communication, Problem-solving, Strategic Thinking

• Projects & Achievements

[Hack4PWD](#) (Microsoft ADC)(People With Disability)

- Finalist: Top 12 teams selected nationally
- Designed a backend data-tracking system for a solution supporting persons with disabilities
- Contributed to user analytics and system logic

Disability Commodity Finder (Ongoing) [[project github](#)]

- Building an e-commerce platform for assistive products
- Leading backend development and recommendation logic
- Using behavioral analytics to improve product suggestions

Personal Attributes

- Courage: Proactive in proposing tech solutions in high-stakes competitions
- Humility: Values feedback and lifelong learning
- Adventure: Seeks ambitious goals and challenging tasks
- Initiative: Strong self-starter with community mentorship history
- Resilience: Committed and persistent under pressure