

## NAFTALI KIPKEMEI

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### Professional Summary

Versatile and results-driven Data Scientist, Software Developer, and Technical Writer with expertise in AI/ML model training, software development, data analytics, and business intelligence. Fluent in English, German, Spanish, and Swahili, and experienced in working with cross-functional teams globally. Adept at transforming complex data into actionable insights and creating innovative solutions through technology. Passionate about advancing the field of AI and working remotely to drive business outcomes.

### Education

University of Nairobi

Bachelor of Science (BSc), Computer Science — Graduated 2022

Murang'a University of Technology

Diploma in Marketing Management — Graduated 2021

### Certifications

- Data Analytics Certification — ALX, 2023
- Duolingo English Proficiency Certification — 2023
- Data Science using Python — Coursera
- Foundations of Machine Learning — Coursera
- Tableau Data Visualization — ALX

## Work Experience

### AI Data Trainer & Annotator

CloudFactory Kenya | Jan 2021 – Sep 2024

- Prepared and annotated data for training advanced AI/ML models, focusing on computer vision and NLP.
- Led tasks in 3D modeling, image classification, and object detection to enhance model accuracy.
- Worked collaboratively with global QA teams to maintain data consistency and quality.
- Contributed to feedback loops that enhanced AI system performance.
- Technologies Used: Labelbox, Python, SQL, proprietary annotation tools.

### Software Developer Intern

TechNova Solutions, Nairobi | May 2023 – Dec 2023

- Developed internal data visualization dashboards using React.js and Chart.js to monitor company performance.
- Designed and implemented RESTful APIs with Python Flask and integrated with PostgreSQL databases.
- Improved data validation pipelines, increasing application reliability by 35%.
- Actively participated in Agile Scrum methodologies, ensuring iterative development.
- Technologies Used: Python Flask, PostgreSQL, React.js, Chart.js, Git, Docker.

### Freelance Technical & Academic Writer

Upwork | Fiverr (Remote) | 2019 – Present

- Authored over 100+ technical documents, machine learning tutorials, and research-based reports.
- Specialized in creating content around AI, data science, cloud computing, and analytics.
- Built a strong 5-star rating from clients for delivering high-quality, data-driven content.
- Platforms: Upwork, Fiverr.

## Marketing & Data Analyst

Naivasha Geothermal | Apr 2022 – Jul 2022

- Conducted customer segmentation and market research to enhance marketing strategies.
- Created financial models to support pricing strategies and forecasting.
- Delivered valuable insights that optimized customer engagement and product offerings.
- Technologies Used: SPSS, Excel, SQL.

## Marketing & Business Development Intern

Kahawa Bora Millers Limited | Oct 2021 – Jan 2022

- Assisted in B2B sales strategy development and market research.
- Conducted customer satisfaction surveys, generating actionable intelligence.

## Customer Support Specialist (Remote)

ModSquad | Feb 2021 – Sep 2021

- Provided customer service, technical support, and moderation for international clients.
- Managed high volumes of inquiries and improved customer satisfaction.
- Evaluated and ensured compliance with platform standards.

## Technical Projects

### AI-Powered Resume Analyzer

Jan 2024 – Mar 2024

- Developed a Python-based tool using spaCy and NLTK for resume evaluation.
- Integrated cosine similarity algorithms to score resumes against job descriptions.
- Built an interactive frontend using Streamlit for recruiter engagement.
- Technologies Used: Python, Streamlit, spaCy, NLTK.

### E-Commerce Sales Dashboard

Sep 2023 – Nov 2023

- Built a dynamic dashboard with Pandas and Plotly Dash to track e-commerce KPIs.

- Automated ETL pipelines to process real-time sales data and display analytics.
- Enabled export features to PDF and Excel for reporting.
- Technologies Used: Pandas, Plotly Dash, Python.

## **Skills**

- Programming Languages: Python (Flask, Pandas, NumPy, spaCy, NLTK), SQL, React.js, Chart.js
- Data Science & AI: Machine Learning, Predictive Modeling, Data Visualization, AI Training
- Software Tools: Streamlit, Tableau, Dash, Labelbox, Git, Docker
- Business & Marketing: Market Research, Financial Modeling, Customer Segmentation, B2B Sales Strategy
- Writing: Technical Writing, Academic Research, Blog Writing
- Soft Skills: Communication, Analytical Thinking, Team Collaboration, Remote Work Management

## **Languages**

- English — Fluent (C1)
- Turkish — Advanced (C1)
- German — Proficient
- Spanish — Proficient

## **Professional Development**

- AI Model Enhancement Workshops (Internal at CloudFactory)
- Open-Source NLP Contributor (GitHub)
- Regularly publish articles on Tech Review Expert Blog (<http://techreviewexpert1.blogspot.com>).

## Availability

Open to full-time, freelance, and remote opportunities in:

- Software Development
- AI & Data Science
- Technical Writing
- Remote Customer Support