SAMUEL MUCHAI MACHARIA

DATA SCIENTIST | HEALTH INFORMATICS SPECIALIST | HEALTH RECORDS AND INFORMATION TECHNOLOGIST

PROFILE

Dedicated and detail-oriented Health Informatics professional with a strong foundation in data analysis, database management, and medical coding. Experienced in managing health records, supporting hospital IT systems, and contributing to software development projects. Passionate about leveraging technology to enhance healthcare systems and streamline operations. Proficient in Python, SQL, JavaScript, HTML, and CSS, with Ongoing learning in Solidity

BIODATA

D.O.B:11/11/2003
NATIONALITY: KENYAN
RELIGION: CHRISTIAN

CONTACT

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+254714552335

PORTFOLIO:
View portfolio

sammymuchai44@gmail.com

HOBBIES

- **Technology innovation and software development**
- **Data science and healthcare research**
- **System security and ethical hacking**
- **Data visualization and storytelling through analytics**

EDUCATION

➢ **Jomo Kenyatta University of Agriculture and Technology (JKUAT)**
2022-2026(expected)
Bachelor of Science in Health Records and Informatics

➢ **Kanjuri High School**
2018 – 2022
Kenya Certificate of Secondary Education (KCSE)

WORK EXPERIENCE

Naivasha County Referral Hospital: Health Records Attaché
May 2025 – Present

- Patients registration and admission.
- Coding and indexing diseases and health conditions based on ICD 11
- Clinic preparation and scheduling of appointments.
- Compilation of reports and uploading them to the Kenya Health Information System
- Strengthened skills in data management, cybersecurity basics, and system maintenance.

Naivasha County Referral Hospital: Health Records Attaché
May 2024 – July 2024

- Managed and analyzed patient health records and data using health information systems.
- Implemented medical coding and billing practices to streamline record processing.
- Provided technical support for database administration and network systems.
- Actively participated in software development initiatives for healthcare IT improvement.
- Strengthened skills in data management, cybersecurity basics, and system maintenance.

SKILLS

Skill	Proficiency
Medical Coding	100%
SQL	95%
Data Visualization	95%
Microsoft Office Suite	90%
HTML&CSS	90%
Python	75%
C	70%
Linux	65%
Javascript	55%