UNIVERSITY OF NAIROBI
EXTERNAL JOB VACANCIES (PROJECT POSITIONS)

Applications are invited for the following position:

SOFTWARE DEVELOPER, CENTRE FOR HEALTHCARE QUALITY AND INNOVATION (CHQI) PROJECT, ADVERT REF: (AD/12/91/25), 4 POSTS

The Project:

The Centre for Healthcare Quality and Innovation (CHQI), based at the Faculty of Health Sciences, University of Nairobi, seeks to recruit four (4) Software Developers on a three-month temporary basis in Nairobi, reporting to the Senior Systems Specialist.

Job Purpose:

Support front-end interfaces to backend systems, integrations, and data pipelines.

Duties and Responsibilities:

a) Develop responsive frontends using React and other modern frontend frameworks;
b) Build robust backends with Java, C# and Python, including RESTful APIs;
c) Design and implement dashboards and reporting tools to support healthcare providers and other stakeholders;
d) Develop and maintain ETL pipelines and contribute to data engineering tasks;
e) Work with multiple databases (SQL and NoSQL) to support diverse solutions;
f) Integrate with third-party services such as EMRs, bulk SMS providers, payment gateways, and other healthcare systems;
g) Contribute to AI and machine learning initiatives (predictive analytics, automation, clinical insights);
h) Deploy, monitor, and support solutions in production environments;
i) Collaborate in a cross-functional team to design secure, scalable, and user-friendly systems.

Job Specification:

a) Bachelor's degree in Computer Science or a related field;
b) Knowledge of React or any other frontend development framework ;
c) Expert-level competence in C#, Java or Python programming language;
d) Familiarity with API design, development, and integration;
e) Understanding of databases (relational and NoSQL). Basic experience in AI and machine learning concepts (NLP, predictive modelling, data science workflows).

Terms of Employment:

These are early career temporary, full time positions for an initial period of 3 months with possibility of extension subject to IMMEDIATE availability & satisfactory performance.

Notes:

1. Applicants should email their application letters, certified copies of certificates and resume of maximum two pages, giving details of their qualifications, experience and three (3) referees indicating their telephone and e-mail contacts;
2. Applications and related documents should be forwarded addressed to the Director, Human Resource, University of Nairobi;
3. Applicants should state their current designations, salaries and other benefits attached to those designations;
4. The application letter must bear the reference code indicated in the advertisement;
5. Late applications will not be considered;
6. Applications should be emailed as one file in PDF: recruit-ictsachcqai@uonbi.ac.ke

CLOSING DATE: WEDNESDAY, DECEMBER 31, 2025

**THE UNIVERSITY OF NAIROBI IS AN EQUAL OPPORTUNITY EMPLOYER.
ONLY SHORTLISTED APPLICANTS WILL BE CONTACTED**