Karim K. Kanji

Full-Stack Software Engineer

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SKILLS

Java	**Python**
Intermediate	Intermediate
PHP	**JavaScript**
Advanced	Advanced
ReactJS	**TypeScript**
Advanced	Advanced
MySQL	**Firebase**
WordPress Development	**M-Pesa Payment Integration**
Rest APIs	**Cloud - AWS, GCP, CloudFlare**
Ci/CD - Docker, Gitlab, Jenkins	

INTERESTS

Bike Riding	Swimming
Video Editing	Travelling
Long Distance Driving	Hiking

LANGUAGES

English (UK)	**Kiswahili**
Native	Native

CERTIFICATIONS

Certificate in Windows Apps Development (January 01, 2016)
Emobilis Mobile Training Institute
- https://www.emobilis.ac.ke/

Certificate in Android Development (April 29, 2016)
Emobilis Mobile Training Institute
- https://www.emobilis.ac.ke/

Full Stack Software Engineer (Front End Heavy) with experience working with React, Gitlab, CI/CD, Databases and Secure Applications running on the Web optimised for both Mobile and General Web.

WORK EXPERIENCE

Ministry Of Health (December 22, 2023 - Present)
Full-Stack Software Engineer and ICT Officer

Handling ICT operations at Ministry of Health as well as supporting Health Systems.
- health.go.ke

Foxtrot Dash Inc. (September 06, 2022 - December 21, 2022)
Full-Stack Software Engineer

Building frontend and backend components for Foxtrot Dash using React.js/Next.js, React Hooks, Java, PostgreSQL, Spring Boot, version control using Git and Github, Managing Deployments and builds using Jenkins.
- https://foxtrotdash.com/

Thamani Business Doctors (May 01, 2022 - June 30, 2022)
Front-End Web Engineer

Lead Developer on the SME Triage Web Application as well as the admin Dashboard built using ReactJS 18+ and Bootstrap 5. Worked on the Landing page design and implementation to integrate it to the existing Website.Lead Developer on the SME Triage Web Application as well as the admin Dashboard built using ReactJS 18+ and Bootstrap 5. Worked on the Landing page design and implementation to integrate it to the existing Website.
- https://sme-triage.businessdoctors.org/

CoolPam Water Systems (November 01, 2021 - March 01, 2022)
Front-End Web Engineer

CoolPam Water Systems is a water distribution company based in Nairobi, Kenya. I worked on the Admin portal that I built using React.js and TypeScript using FIrebase as the back-end. This project allowed me to lead other development teams such as the mobile development team into steering the app into production with the desired results.
- https://maji.coolpamsystems.com/

Health IT - University of Nairobi Enterprise Services (UNES) (December 07, 2020 - September 30, 2021)
Full-Stack Software Engineer

Developed Imaging System to be used internally and externally by the Vihiga County Referal Hospital to be used for uploading and downloading images replacing the need of Compact Disks. This role allowed me to lead other development teams such as the mobile development team into developing a Diabetes and Hypertension Management Application that is still in Beta. Helped in fixing issues with KenyaEMR at the facility as well as neighbouring facilities in Vihiga County, as well as deployment of the KenyaEMR+ instance, fixing issues that occured on the system as well as provided user support at the facility. Assisted in resolving issues with the network at the facility that included issued with DHCP server as well as managing app deployments at the facility.

Liquid Foods (August 01, 2020 - December 03, 2020)
Full-Stack Software Engineer

Liquid Foods is a food ordering company based in Juja, Kenya, that allows people to order and have foods delivered to their doorstep. I built their admin Portal using PHP, JS and Fireabse. This project allowed me to lead other development teams such as the mobile development team into steering the app into production with the desired results.
- https://liquid.co.ke/

Health IT - University of Nairobi Enterprise Services (UNES) Internship (June 01, 2019 - August 30, 2019)
Software Development Intern

Developed Web Applications to be used internally by the Kisumu Health Management Information Systems Department for Data Visualization and Annual Work Plan, built using Bootstrap 4, Javascript and JQuery. Backed using PHP as the backend.

Hi4Kenya (July 01, 2018 - August 31, 2018)
Software Developer Intern

Worked on Metadata Dictionary Application for DHIS2 instance using React.js. The repository can be found at https://github.com/karimkkanji/MetaDataDHIS2and the documentation https://metadatadhis2.readthedocs.io/en/latest/
- https://metadatadhis2.readthedocs.io/en/latest/

Cryosoft Corporation (August 08, 2016 - Present)
Full Stack Software Engineer - Part time

Developing Web Applications and Android Applications that support SMEs in doing their businesses allowing them to have an online presence as well as manage their businesses.
- https://cryosoft.co.ke

EDUCATION

Maseno University (August 15, 2016 - December 18, 2020)
Bachelor of Science, Information Technology   First Class Honours
- https://maseno.ac.ke

Kiambu High School (January 09, 2012 - November 27, 2015)
Kenya Certificate of Secondary Education (KCSE)   A-

Wakah Academy One (January 01, 2002 - December 01, 2011)
Kenya Certificate of Primary Education (KCPE)   A-