

ISAAC KABUCHO

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kabszac.github.io

SKILLS

Technical Skills Python, Java, React, Javascript, Typescript, Docker, Django, Unix/Linux, MySQL, HTML, CSS
Languages English, Swahili

PROGRAMMING EXPERIENCE

Harvard Business Publishing

(August 2025 - Present)

Software Quality Assurance Engineer

- Improved API test reliability by fixing, refactoring, and updating broken test cases — increasing the API passing rate to 98% across QA, Stage, and Preview environments.
- Successfully migrated legacy Postman API tests to Rest Assured in Java, increasing test stability and reducing flakiness by 40%, leading to more reliable CI results.
- Enhanced accessibility compliance efforts by contributing to testing initiatives that elevated Level-1 accessibility coverage to 70% across the project.
- Expanded automated UI test coverage by developing new test scripts for completed development tickets, improving overall product quality and release confidence.

Hack for LA

(September 2023 - December 2024)

Software Engineer

- Implementing front-end and back-end features using technologies such as JavaScript, React, Node JS and MongoDB.
- Collaborating with other engineers, UX/UI Designers, and the development leads to debug and build features that improve the user experience and organizational goals.
- Maintaining the website repository, which involves debugging and testing reported web component, features, and UI issues, initiating issue tracking, and resolving the issues within the given timeframe.
- Reviewing pull requests from other contributors, providing feedback, and resolving issues.

JPMORGAN CHASE & CO.

(February 2023 - February 2023)

Agile Virtual Experience Program

- Intro to Agile
- Scrum at JPMC
- User stories and backlog refinement
- Daily standups
- Sprint Reviews and Retrospectives

PERSONAL PROJECTS

Open Source

- Link to [Open source](#) contributions.

Live Stock Tracker

- Link to [Live Stock Tracker](#) project.
- Developed the application to get real live data on the S&P 500. The user has the ability to chose their watchlist stocks and get live prices.
- The application was implemented using Python Django, Django channels, Celery and Celery-beat.

Jobs Website

- Link to [Jobs](#) project.
- Developed a fully featured jobs website while curating data from an external API
- Implemented using React, JavaScript, React-Router, HTML and CSS.

Jokes App

- Link to [Jokes Subscription](#) project.
- Implemented A jokes application where subscribers get a joke each day to their emails.
- Implemented using Python Django, Celery and Celery-beat.

Fashion Store

- Link to [Fashion store](#) project.
- Developed a fashion store where customers can purchase fashion items of their liking.
- Implemented using React framework, JavaScript, HTML and CSS.

Blog

- Link to [Blog](#) project.
- Developed a fully featured blog style web application where users can write up different posts, like, update and also delete their posts.
- Implemented an authentication system and ability for new users to register.
- Implemented using Python Django Framework, HTML and CSS.

EDUCATION

University of Nairobi

(February 2019 - September 2023)

- BACHELOR OF ECONOMICS AND STATISTICS(Hons).