

FIONA MURUGI BUNDI

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I am a software developer and an open-source enthusiast. I am in my second year at Kenyatta university.

EXPERIENCE/PROJECTS

2022

Planet facts app

stack: React

It is a project that uses Wikipedia API to get Planets facts and display them on a web page. And deployed using GitHub Workflows. [Here](#) is the project:

2022

Chat bot

stack: React, Firebase

It is a chat forum project. [Here](#) is the project.

2022

Movie app Frontend

stack: React, CSS

It is a web application for displaying movies from an external API. [Here](#) is the code.

2022

Goals Tracker

stack: Express, Nodejs, MySQL, EJS, HTML, CSS

It is a to do CRUD website. [Here](#) is the code.

2022

School Results Management System

stack: Express, Nodejs, MySQL, HTML, CSS

This is a school result management system website. [Here](#) is the code.

JAVA PROJECTS

2023

Shopping-API

stack: Spring boot, MySQL, MockMvc

This is a Products Api project tested with insomnia. [Here](#) is the code.

2023

Movie-spring Boot-microservice

stack: Spring boot

This is a Movie microservice project . [Here](#) is the code.

2023

Slack Notification engine

stack: Spring boot, React JS, PostgreSQL

The engine sends messages to slack through a webpage and also one configures the slack channel through the UI. The code is [here](#)

2023

Sentimental Analysis Project

stack: Spring boot

The API works with Reddit API, Azure text analytics to analyze post on reddit regarding a certain topic. Then it sends a notification to managers phone using Africa talking SMS API

2022

Open-source contributions

1. **Fhir-web.** The work was to change the Creating of new Fhir resources to use Put instead of Post method. It also dealt with adjusting some tests and mocks usingnock. Got to learn about mocking APIs.
2. **Express-Server.** Worked on the environment variables. Got to learn how to contribute to open source. Learned Git and GitHub concepts.
3. **Contour.** Updated the GitHub actions.

2022

Read list

1. Data Structures and Algorithms

Read Data Structures and Algorithms in Java, 5th International student edition | M.T. Goodrich and R. Tamassia And did the exercise using java which are hosted [here](#) .

2. Object oriented programming with java.

Read Headfirst Object-Oriented Programming book with java and got to learnt about OOP concepts and multi-threading in java.

EDUCATION

2021 - 2025

Bsc. Computer science, KENYATTA UNIVERSITY

SKILLS

- Java
- JavaScript
- HTML
- CSS
- MySQL
- PostgreSQL
- React
- Spring boot
- Express
- Node JS
- Git
- GitHub Actions