

Joyce W. Mbugua

Software Engineer

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TECHNICAL SKILLS

Knowledgeable: JavaScript, Python, Unittest, REST API, PostgreSQL, Git, Heroku, HTML, CSS, SQL, Django, Django Rest Framework, Flask, Angular, TypeScript, Angular Material, Firebase

Familiar: React, Node.js, Java

APPLICATIONS

Arifa | Code: github.com/JoyMbugua/arifa | Deployed: <https://arifa.herokuapp.com/>

An app that helps potential investors in need of investment guidance with experts in the investment industry

- Users register as either experts or investors where investors can follow and/or get in touch with experts
- Users are able to keep up to date on global events in various investment sectors that interest them
- Built with **Django, PostgreSQL, JQuery, Cloundinary, CSS, NewsAPI**

Jirani | Code: github.com/JoyMbugua/jirani-app | Deployed: <https://jirani-app-jm.herokuapp.com/>

An app that helps users join their residential communities online and stay up to date with events in their neighborhoods

- Implemented location-based authorization to prevent users from accessing other neighborhoods
- Utilized django-mail to send signup confirmation emails to users
- Built with **Django, PostgreSQL, CSS, Cloundinary**

GitSearch | Code: github.com/JoyMbugua/GitApp | Deployed: <https://git-search.joymbugua.vercel.app/>

An app that allows users to search, and view GitHub accounts and repositories easily

- Built with **Angular, CSS, GitHub API**

Consult | Github: bit.ly/3B6TcHy

An app helps physicians and nurses communicate and collaborate effectively

- Utilized firebase realtime and firestore databases
- Utilized angular route guards to manage resource authorization
- Built with **Angular, Angular Material, CSS, Firebase, EmailJS**

EMPLOYMENT EXPERIENCE

Cytonn Investments

Nairobi, Kenya

Research Analyst

Jan 2019-Sep 2020

- Coordinated the research department and supervised data collection processes
- Analyzed data and created subsequent reports including thought leadership analysis of ongoing industry trends
- Created annual and quarterly market coverage reports for residential, commercial real estate, and infrastructure sectors
- Led weekly wealth management trainings for new staff and clients
- Conducted appraisal/financial analysis of real estate projects

Research Assistant

Jan 2017- Jan 2019

- Led research and deal origination operations in Ghana and Tanzania
- Participated in framing a structure for Cytonn staff learning and development library
- Generated periodical real estate reports and press releases
- Trained and supervised interns and assisted in departmental on-boarding processes

EDUCATION

Moringa School - Software Development: Fullstack Developer

2020- 2021

Moi University - B.A. Political Science

2012 - 2016