

Karen Ngala

Email: ngalalalu@gmail.com

Github: <https://github.com/KarenNgala>

Portfolio: <https://karenngala.github.io/portfolio/>

Linkedin: <https://www.linkedin.com/in/karen-ngala>

(+254) 799-447878

Nairobi, Kenya

Personal Statement

I am passionate about developer communities and have a keen interest in improving the lives of others through software. I am also a creative problem-solver with an inquisitive mind that thrives in a challenging environment.

Highlighted projects

Well Heard — *Scrum master, Full-stack developer*

SEPTEMBER 2020 <https://well-heard.herokuapp.com/>

A Django web app with a focus on suicide prevention during the pandemic by offering online emotional support through counselors

- Implemented full-stack multi-user authentication with email confirmation using django_registration

Limelight — *Full-stack developer*

MAY 2020 <https://limelight-80a7a.web.app/>

A community-driven platform that seeks to recognize the works of other developers and web artisans

- Front-end work: the landing page
- Backend work: added functionality to registration and login pages, included error handling to the project's pages, and architected a production and testing environment using firebase for the web
- Handling merge conflicts

Technical skills

Strong — Django, Postgres, Python, Flask, MySQL, HTML5, CSS3, JavaScript, Git

Experienced — Firebase web, C++

Work Experience

Tradity Capital, Nairobi — *Full-stack web developer*

NOVEMBER 2020 - PRESENT

- Working in a team to develop a full stack trading website using Flask. The website is currently in use in Kenya and Tanzania with more than 40 active users.

Education

Moringa School, Ngong — *Full-stack web development*

APRIL 2020 - SEPTEMBER 2020

- Gained experience working in and leading remote teams to build full scale applications
- Gained insight into the professional and social aspects of computing and networking

Moi University, Eldoret — *B.Sc Computer Science*

SEPTEMBER 2017 - PRESENT

- Gained knowledge in Data structures, Algorithms, Database systems, Discrete mathematics & statistics.
- Worked in a team to develop an online learning-materials management system.
- Developed a highschool website with alumni registration in MySQL and Php

Masai High School, Karen — *KCSE Certificate*

JANUARY 2013 - DECEMBER 2016

- KCSE project: a management system for a residential area using VBA
- Gained knowledge in conditionals, looping, data types, and flowcharts

References

Will be provided upon request