

Karen Ngala

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Personal Statement

Self-driven full stack web developer focused on customer experience. I am passionate about emerging technologies in computer science and educating the next generation of technology innovators.

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 — HTML5, CSS3, JavaScript, Flask, MySQL, C++, Django, Postgres, Python, Git

Experienced — Php, Firebase web, Angular

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 school 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