

Nakitto Catherine

FULL STACK WEB DEVELOPER

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I'm a full stack developer with a passion for intuitive design. I believe good design drives clear product requirements and leads to better technical understanding. I'm creative and view every new project as an opportunity to build something useful and elegant.

EXPERIENCE

Personal Projects

Full Stack Web Developer - Ruby on Rails

February, 2020 – Present

Mastered intermediate and advanced topics in full-stack development (including Rails, Git, and DS&A challenges) while building multiple full-stack projects both independently and via pair-programming.

Homeschool

- Matches teachers with students in a study-group in the same location.
- A project created with Ruby on Rails. It uses Google Maps API to obtain addresses of teachers and students. Students that are near each other are grouped in study-groups that are then matched with a teacher near them. Tested with RSpec and implemented with Git and Github.
- Github - <https://github.com/Cathella/Home-School-v2>. Live link - homeschool.ug

Tuwaye

- This is a social platform to share stories and experiences..
- A project created with Ruby on Rails, CSS3, Bootstrap 5. Users can add stories and comment on them. It requires user authentication by email.
- Github - <https://github.com/Cathella/Emboozi>. Live link - <https://intense-reaches-16629.herokuapp.com/>

Posts-api

- This is a Posts Api implementation that has three resources (User, Comments, Posts) relating via model associations. It has user authentication implemented using JSON Web Tokens.
- Github - <https://github.com/Cathella/post-api>

Microverse

Remote

Student and Mentor

February 2020 – Dec 2020

- Mentored, guided and supported other incoming developers by providing technical support and code reviews. Polished up skills in Javascript, Html, CSS, Ruby, and Ruby on Rails.
- Spent over 1300+ hours working on daily projects. Worked with a coding partner 40+ hours a week doing pair programming. Built several collaborative and solo projects that have been submitted and reviewed by Technical Service Engineers.

Started self-teaching web development

March 2015 - Present

- Skills in Sketch/PSD UI design and conversion, Javascript, HTML5, CSS, Ruby, and Ruby on Rails.

EDUCATION

Microverse

February, 2020 – Dec 2020

Remote Full Stack Web Development Program, Full Time

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript.

- Developed skills in remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with other international remote developers.

Makerere University

Bachelor's degree, Software Engineering

August, 2010 – January 2013

- Developed algorithm data structures concepts combined with the many methods of software maintaining and production.

Technical Skills

- **Languages** - Ruby, Javascript, CSS3, HTML5, ReactJS
- **Frameworks** - Ruby on Rails, Bootstrap 5
- **Testing** - RSpec
- **Database** - MySQL, PostgreSQL, SQLite3
- **Other** - Git, Github, Heroku, Digital Ocean, RESTful API, XML, JSON

Soft Skills

- **Mentoring other people** - helping them through their development journeys.
- **Collaboration** - with other colleagues in a team working on projects.
- **Good communication skills** - through writing articles plus excellent fluency in English.
- **Self-motivated** - can get projects done to completion with minimal supervision.