

Alinda Byamukama

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PROFESSIONAL PROFILE

I am a lawyer changing careers to Software Engineering.

Why am I transitioning? My coding journey started out of curiosity. Curiosity grew into my passion to keep learning and growing my skills in software development.

Convinced that this was the best skill set I should have in order to contribute to the solutions needed in Uganda and the world today, I committed myself to learning quickly and preparing myself for a career in the tech industry.

My current focus is becoming fluent in JavaScript, React.js and diving deeper into Next.js. I aim to be well versed in all JavaScript based front-end libraries and frameworks and delve further into backend and database technologies like Node.js and MySQL.

CORE SKILLS

Technical skills

- HTML5 ,CSS3, Bootstrap, Chakra UI, Figma;
- JavaScript, React.js, Express.js, Node.js;
- MongoDB, PostgreSQL, SQL;
- Git Workflow and version control;
- Software Development;
- Terminal/ Command Line basics.

Soft Skills

- Legal analysis, research and writing;
- Office administration and management;
- Word processing and office software;
- Digital content development and editing;
- Online team collaboration with GitHub and Zoom;
- Project Management methods (Agile) and tools (Pivotal Tracker and Trello).

EXPERIENCE

[Refractory Uganda](#) - Bootcamp Training Ongoing

- **At the moment I am enrolled in 6-month-long, intensive software and business development Software Engineering Bootcamp at Refactory (Uganda), where I get the opportunity to learn and apply:**
 - ◆ Unified Modelling Language;
 - ◆ Software Design Principles;
 - ◆ Design Patterns;
 - ◆ Databasing with SQL;
 - ◆ Test Driven Development;
 - ◆ CI/CD;
 - ◆ Refactoring and
 - ◆ UI/UX Design with Figma.
- **Capstone Project: Warehouse and Inventory Management System**

[Zero to Mastery Academy](#) - *Complete Web Developer in 2023*

- **An online bootcamp where I learnt and applied:**
 - ◆ HTML, CSS, JavaScript, React, Node.js, PostgreSQL, APIs and app deployment.
- **Capstone Project:** Smart Brain App and Smart Brain API

[Law and Advocacy for Women in Uganda](#) - *Legal Assistant March 2018-March 2020.*

- The legal research and writing was used in the creation of educational materials raising awareness of issues affecting women and girls In Uganda and writing of concept notes and proposals for donor funding and LAW-Uganda advocacy projects.
- My office administration duties supported trainers during LAW-Uganda training and capacity building meetings and workshops of women's rights key actors and stakeholders.
- I was also in charge of maintaining the organization's website and social media sites with updated information and proofreading/ editing any articles that were to be published in the newspaper or on the website.

EDUCATION

- **Refactory Uganda** - *Certificate in Software Engineering with Javascript (Cohort 12 - Catalyst)*
- **University of London (Distance Learning)** - *Bachelor of Laws - Graduated August 2017*
- **Cavendish University Uganda-** *Certificate of Laws 2018-2019*

AWARDS

- **Zero to Mastery Academy** (<https://zerotomastery.io/>) - [Complete Web Developer in 2023](#)
- **Outbox EDU (Prep IV)** - *Specialized Digital Training Level III March-April 2020*
- **International Computer Driving License** - *Certificate of Microsoft Office tools and technologies Awarded December 2017*

PROJECTS

Project: Warehouse and Inventory Management System

Description:

During the Refactory Bootcamp, we spend six months solving a real problem for a real company in a team. This is a system designed especially for the management of grain warehouses in Uganda.

Technologies used:

- React.js;
- Untitled UI with Figma;
- Chakra UI;
- Express.js;
- Node.js and
- PostgreSQL ORM - Sequelize;

Link to GitHub repository here. *(Pending Approval)*.

Link to app [here](#).

Project: Urban Farming Platform**Description:**

A platform that connects the urban farmer directly to their customer, it attempts to solve the challenges some farmers face in their business by-passing the need for face-to-face interactions.

Technologies used:

- HTML5, CSS3 and Bootstrap;
- Javascript;
- Pug;
- Express.js;
- Node.js
- MongoDB;

Link to GitHub repository [here](#).

Project: Robofriends**Description:**

The Robofriends web app retrieves data on robot friends from the {JSON} Placeholder API and generates robot images from the Robohash website.

Technologies used:

- React.js;
- Javascript and
- Tachyons CSS Toolkit;

Link to GitHub repository [here](#).

Link to Robofriends app [here](#).

Project: Smart Brain App and Smart Brain API

Description: A face detection web application created with React using the Clarifai API - Face Detection Model.

Technologies used:

- React.js;
- Express.js;
- Node.js;
- PostgreSQL;

- Clarifai API and
- Tachyons CSS Toolkit;

Link to GitHub repository [frontend](#) and [API](#).

Project: Javascript Joke Teller

Description:

A simple app that tells JS jokes using a Joke API and a Text-to-Speech API.

Technologies used:

- HTML5 and CSS3;
- Text-to-Speech API and
- Joke API;

Link to GitHub repository [here](#).

Link to JS Joke Teller app [here](#).

References

References available upon request.