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Kitengela, Kenya

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| VITALIS MAINA NGIGI | |
| PERSONAL  STATEMENT | I’m a self-taught full stack web developer and UI designer motivated by my love for solving real world problems with technology. I learned UI design for the purpose of turning my ideas into good experiences for the people whose problem I’m solving as well as various tech stacks for the purpose of building out these ideas into actual products. The journey from an idea to its requirements to sketches, designs and prototypes then finally to live application fulfills me. |
| SKILLS & ABILITIES | * Responsive web UI design * Mobile app UI design * Programming with JavaScript * Typed Programming with Typescript * Frontend development with React * Backend development with Node * CRUD operations with MongoDb * Source control with GitHub * Website design with WordPress * DevOps with Firebase |

EXPERIENCE **UI DESIGN WORK ON – THE MOBILE APP**

NOV – JAN 2021

* [Documented](https://docs.google.com/document/d/1Z7zhuck95F5TdR-1f2Z3nuLjDBPFqo2Jlg-ouKa-0-w/edit?usp=sharing) the idea, its unique value proposition, problem and solution statement and benefits to the user and how to monetize it.
* Analyzed the requirements of the application.
* Sketched out the screens on a [drawing book](https://drive.google.com/file/d/1yNaEV5rJaXchI4UJlsDwx0S4O4gWMqUQ/view?usp=sharing)
* [Designed](https://www.figma.com/file/i3GZLRVJSPXzGaBTCrGh9h/Alecko-mobile?node-id=0%3A1) the UI using figma
* [Prototyped](https://drive.google.com/file/d/1HQiaFNDCfgy7LW1YgcvCGKwp-Haxq9Tk/view) the user experience with figma
* Developed a pre-release landing page with html, CSS and JavaScript.
* Implemented a lead capture system with node to collect potential users’ name and phone onto a waiting list.
* Tested the landing page
* Tested the lead capture system
* Deployed the landing page live.

**WEB DESIGN FOR LIFESTYLE FITNESS GYM** JULY – SEP 2020

* Prepared [a questionnaire](https://forms.gle/eiQtrYv9yQwb46mY9) to collect website requirements
* Designed a UI mockup of the website
* Copywrote website content
* Took pictures of the gym for use on the website
* Shot and edited a promotional video for the gym to be used as marketing material.

**THE MAKING OF THE COVID TRACKER** APRIL – JULY 2020

* Designed a Responsive UI mockup
* Developed a Google cloud function in node with typescript to scrape the web for covid 19 stats using the puppeteer.js library
* Implemented cloud function to organize and persist scraped data to firebase database
* Ran tests on cloud functions and their coordination
* Developed the fronted client with react.js to consume and present scraped covid-19 stats in an interactive bubble map.
* Deployed the frontend live to firebase hosting.

**WEB DEVELOPMENT WORK**

Nov 2019 – JAN 2020

* Analyzed project requirements and Sketching out the UI
* Copywrote the website content
* Designed the website UI for mobile, tablet and desktop
* Iterated over the UI and made required changes
* Developed the single page website frontend in angular
* Developed the backend with node and typescript
* Ran backend and frontend behavioral tests
* Set up the domain name and deployed website

**UI DESIGN WORK ON THE MOBILE APPLICATION**

May 2019 – JULY 2019

* Analyzed project requirements from the general app idea
* Sketched out and designed the sign up/sign in process of a user
* Designed UI user flows for each requirement of the app.

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| EDUCATION | **BACHELOR OF COMPUTER SCIENCE – THE EAST AFRICAN UNIVERSITY**  **September 2018- Ongoing**  **KENYA CERTIFICATE OF SECONDARY EDUCATION – OlOOLAISER HIGH SCHOOL**  **January 2015- November 2018**  Grade B- (B minus) | |
| TRAINING | * Responsive frontend development with HTML, CSS and JavaScript * Frontend web application development with react.js * Backend development with node * CRUD operations with mongoDb * Mobile App development with flutter * Database management with SQL * Programming with c#, beginner, intermediate and advanced * Programming with JavaScript, * Fundamentals of UI design | |
| HOBBIES &  INTERESTS | * Making music * Filmmaking | |
| REFERENCES | | | DENNIS MWANGI WAMHOME  Deniswahome18@gmail.com  0703500407 | |

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