

# Yeukai Loreen Muusha

Entry-level  
Full Stack  
Software  
Engineer

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## Yeukai Loreen Muusha

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Loreen-netizen.github.com

My career goal is to further my knowledge and skills, granting me new opportunities and broadening my horizon. I enjoy coding because I love the process of conceptualising new solutions that make life easier for people. I enjoy the challenge of problem solving, transforming data, using databases to manipulate and render data in a new way. I also enjoy the challenge of debugging and creating something from nothing.

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## Education

### Google Workplace Incubation/ ReactJS

2021- Cape Town South Africa

### Project Codex/ Agile Web Development

2020- Cape Town South Africa

### National University Of Science And Technology/ Bachelor of Science (Honours) in Applied Biology and Biochemistry.

September 2011 - May 2015, Bulawayo Zimbabwe

**Publications:** <http://www.nust.ac.zw/zist/index.php/volume-12-2017#>

The Effects of Sub Lethal Levels of Lead on Acetylcholinesterase Activity in the Rock Pigeon, (Columba Livia) Y. L. Muusha et al.

### Mtshabezi High School / Advanced Level

2010 - Bulawayo Zimbabwe

Biology, Chemistry, Food Science

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## Skills

ReactJS, ES6, NodeJS, Database (PostgreSQL), NX, Prisma DB, Kubernetes, Google

Firebase, Version Control using Git & GitHub, Netlify, Vercel, NextJS, Gatsby,

IndexedDB, Figma, FaunaDB, Material UI, HTML5, CSS and Bootstrap CSS.

- Critical and analytical thinking, research and development skills.
- Independent thinking and problem-solving
- Communication and presentation skills
- Teamwork, Adaptability/ Flexibility

## **Work Experience**

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### **August 2021 to Current**

**I have worked as a Software Engineer for a United States based start up called Invisible Technologies.**

In this role, I reported to a senior software engineer and I worked on the client experience team. We worked with agile methodologies, focusing on improving user experience by building robust components and site features that made sense to our client needs and provided tangible value from the client's perspective. The tech-stack we worked with included but is not limited to:

**Next.js, Vercel, React.js , GraphQL, Prisma DB, Storybook, PostgreSQL, docker and kubernetes and NX. We used Github and git for version control.**

### **January 2020 to Current (Part time)**

**I have worked as a React JS trainer for Peruzal, (Cape Town)**

This role required good understanding of React JS principles in order to mentor trainees on all React concepts from basics such as creating components, JSX and custom components, to more advanced concepts such as React Hooks, Redux and routing.

This role also requires good communication skills, strong understanding of foundation coding concepts, good mentoring skills and ability to be firm when required.

**I have worked as a 2021 Agile Web Dev bootcamp mentor at project Codex in Cape Town.**

This role required good communication, strong understanding of foundation coding concepts, good mentoring skills and ability to be firm when required.

My responsibilities included mentoring online and onsite bootcamp candidates:

- Assisting with daily setup and admin

- Responding to candidate questions

- Guiding candidates to find solutions (explaining concepts without providing answers)

- Promoting an enquiry mindset

- Providing feedback on candidates on a weekly basis

**I have worked in quality control as a Laboratory Scientist and I have also been employed as a Quality Controller in a meat processing, storage, distribution and marketing company.**

**Science Teacher** Founders High School, Bulawayo Zimbabwe

January 2016- December 2017

I taught Ordinary level Biology and Physical Science after I graduated from University.

**Laboratory Scientist** Fairmind Clinical Laboratories, Bulawayo Zimbabwe

January 2014- December 2014

Receiving and processing of samples prior to laboratory tests, filling requisition forms, venepuncture, running laboratory tests in the Serology, Haematology, Microbiology and Chemistry departments on various samples such as blood, urine, tissue, synovial fluid, sputum, semen, high vaginal swabs and faecal samples.

**Quality Control Intern** Cold Storage Commission, Bulawayo Zimbabwe

May - December 2013

My responsibilities include quality control and submission of quality control reports. Chemical and microbiological assays in the laboratory. New product development. Monitoring factory sanitation and proper handling and storage of beef carcasses. Monitoring proper handling and disposal of condemned carcasses. Ensuring that all factory procedures were Halaal.

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## Projects

2021-ReactJS project, Eazy\_Meals PWA, *in progress*

My Online Portfolio - <https://yeukailoreenportfolio.netlify.app/>

**Github Repository:**

[https://github.com/Loreen-netizen/registration\\_numbers\\_webapp](https://github.com/Loreen-netizen/registration_numbers_webapp)

I built the registration numbers web application as part of my work in my Codex curriculum. This application made use of my front end and back end development skills as it allows a user to enter their vehicle registration number onto a screen. The registration number is validated using regular expressions before it is passed into a database using SQL queries where it is stored and subsequently transformed and rendered as a list item to a screen. The registration numbers web application checks if the new registration number is already in the database and therefore does not allow entry of duplicates. It also allows a user to filter through registration numbers to see only those from a specific town.

To build this app, I made use of Node JS, databases(PostgreSQL), Handlebars Templates, HTML, CSS(Bootstrap) and Javascript. I used the Express framework and external node modules to add extra functionality to my app. I used the express flash module to display error messages for invalid user input. I used regular expressions to validate user input. I also applied continuous integration using Travis CI and I deployed it to Heroku.

#### **Github Repository:**

<https://github.com/Team-Eazy-Meal-Two/new-eazy-meals>

I collaborated with a team of 3 other interns on this ReactJS project. We did competition analysis, generating personas and user stories, creating click through prototypes on Figma, version control with GitHub and Git, using GraphCMS as our API which relies on GraphQL as its API query language and runtime. We used Material UI for styling and implemented react hooks and components in our code. We fetched our API data and stored it locally on Indexed DB and we used Fuana DB as our remote database. We implemented a service worker and precached assets to allow for user friendly offline user experience. We deployed our app to Netlify.

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#### **Professional Board Memberships**

South African Council For Natural Scientific Professions (SACNASP) – Natural Scientist  
South African Association for Food Science and Technology (SAAFoST)

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#### **Volunteer Experience**

2017 Peruzal , Cape Town South Africa - Assistant (1 month)

- Proofreading company website.
- Doing company surveys and compiling data.
- Adding data to Google Firebase

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#### **References**

Schalk Venter - ReactJS mentor, workplace incubation, Project Codex  
[venterschalk@gmail.com](mailto:venterschalk@gmail.com)

Cara Turner -CEO Project Codex [cara@projectcodex.co](mailto:cara@projectcodex.co)

Dr Norah Basopo (NUST) - Final Year Project Supervisor And Lecturer  
[norah.basopo@nust.ac.zw](mailto:norah.basopo@nust.ac.zw)

Joseph Kandi, CEO, Peruzal - Immediate Supervisor [joseph@peruzal.co.za](mailto:joseph@peruzal.co.za)