

Yeukai Loreen Muusha

**Entry-level
Full Stack
Web
Developer**

Yeukai Loreen Muusha
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My career goal is to gain a role which allows me 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 web applications 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.

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/zjst/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

Skills

- ReactJS, NodeJS, Database (PostgreSQL), Version Control using Git & GitHub, Netlify, IndexedDB, Figma, FaunaDB, HTML5, CSS , Bootstrap CSS and JavaScript .
- Critical and analytical thinking, research and development skills.
- Independent thinking and problem-solving
- Communication and presentation skills
- Teamwork, Adaptability/ Flexibility

Projects

2021-ReactJS project, Eazy_Meals PWA, *in progress*

2020- Registration Numbers Web Application -
<https://reg-numbers-by-yeu.herokuapp.com>

Github Repository:

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(SQL), 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.

Work Experience

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

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.

Professional Associations/ Societies Membership

South African Council For Natural Scientific Professions (SACNASP) – Natural Scientist

South African Association for Food Science and Technology (SAAFoST)

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

References

Schalk Venter - ReactJS mentor, workplace incubation, Project Codex
venterschalk@gmail.com

Cara Turner -CEO Project Codex cara@projectcodex.co

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

Joseph Kandi, CEO, Peruzal - Immediate Supervisor joseph@peruzal.co.za