



# Lusanda Ngxumza

ENTRY-LEVEL FULL STACK WEB DEVELOPER

## PROFILE

An adaptable and imaginative young web developer who is able to work alongside other talented programmers in creating websites to the very highest standards. I'm really excited about using my Agile Web Developer experience to build apps that will make the world around us a better place.

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Khayelitsha, Cape Town

[github.com/NgxumzaLG](https://github.com/NgxumzaLG)



## OTHER SKILLS

Financial Information Systems

Financial Accounting

Cost Accounting

Internal Auditing

Taxation

Microsoft Word

Microsoft Excel

Microsoft Powerpoint

## Education

### Grade 12 Certificate

Accounting | Business Studies | Economics | Mathematical Literacy  
Kingsway Secondary School | 2016

### Diploma

Diploma in Accountancy (Incomplete)  
Cape Peninsula University of Technology | 2018-2020

## Work experience

### Apprenticeship

Project CodeX | Cape Town, Western Cape | 2021

CodeX is a full-time, one-year coding program that emphasizes problem-solving over getting the right answer, the practical over the theoretical, and broad conceptual understanding over language-specific idiosyncrasies.

- Conceptualizing and creating dynamic web pages that are user-friendly, effective, and appealing.
- Participated in Hackathons that were based on building web applications that can solve real-life problems.

## Technical Skills

- HTML & CSS
- DOM & Handlebars
- JavaScript
- NodeJS & ExpressJS
- Git & GitHub
- Test-Driven Development using Mocha
- Database: PostgreSQL
- Deployment: Heroku (PaaS) & TravisCI

## INTERESTS

Video Games

Anime

Machine Learning

## REFERENCES

### **Mbuyiselo Yanta**

Personal Development Coach |  
Project CodeX

081 357 9056

[mbuyiyanta@gmail.com](mailto:mbuyiyanta@gmail.com)

### **Makhosandile Zukelwa**

Technical Mentor | Project CodeX

067 156 8798

[makhosandile@projectcodex.co](mailto:makhosandile@projectcodex.co)

## *Projects*

**2021: Yoga saga** - <https://yoga-saga.herokuapp.com/>

Github Repository: <https://github.com/NgxumzaLG/Yoga-Saga>

Yoga saga is a game that we built that includes a machine learning model. In this game, players need to re-act the yoga-pose given to earn points. The tech stack used is NodeJS, DOM, Handlebars, JavaScript and deployed to the Heroku platform using Git.

This was a team project for Project CodeX Hackathon. My contribution to this project was the machine learning pose model functionality.

**2021: Avo shopper** -

<https://avo-shopper-webapp99.herokuapp.com/>

Github Repository: [https://github.com/NgxumzaLG/avo\\_shopper](https://github.com/NgxumzaLG/avo_shopper)

The Avo shopper project is a web application that helps users to find affordable Avocado deals offered by different shops and shops can add or update deals they offer. The app was built using an express-flavored NodeJS, with Handlebars for templating, and a PostgreSQL database. It was deployed to a Heroku server using Git.

This project was built by me from start to finish with the little help of the mentors. This was one of the assessments that I did at Project CodeX.

**2021: Xpense monitor** -

<https://ishmael-sikhikhi.github.io/xpense-monitor/>

Github Repository: <https://github.com/NgxumzaLG/xpense-monitor>

Xpense Monitor app was built to calculate the balance by deducting the total expenses which are normal and covid-19 related expenses from the user's total income. The app was built using JavaScript programming language and DOM. It is only on GitHub pages.

This was a team project for Project CodeX Hackathon. My contributions were the front-end design and a bit of the app functionality.