

# SENAKI SEKESE

## Software Engineering Enthusiast

✉ ssekese@student.wethinkcode.co.za  
☎ 0634226535/0788466993  
📍 Stand 1089, Luthuli circle, Poortjie, Lenasia, 1841  
🔗 <https://github.com/ssekese1>  
🌐 <https://www.linkedin.com/in/senaki-sekese-b8817013b/>



## ABOUT ME

High-energy, confident professional with an infectious enthusiasm for technology. I am Senaki, passionate about learning and enjoys new challenges hence loves solving challenging problems using technology. I find great satisfaction in solving challenges and finding different solutions to them...that's how I grow both as a person and an individual.

## EXPERIENCE

### Junior Software Developer - Contrating

#### Workshop17 and 10Layer

📅 August 2020 - Present 📍 Rosebank, SA

- Working as a contractor for 10Layer(Netherlands) and Workshop17(SA), doing First Line support and software development.
- Maintaining and adding new features to the platform used for bookings.
- Languages: JavaScript, HTML, Pug, CSS, nodeJs, MongoDB
- Frameworks: ExpressJs, JXP, Handlebars

### Junior Software Developer

#### Workshop17

📅 July 2019 - July 2020 📍 Sandton, SA

- First Line Support and Software Development; Maintaining and adding new features to the W17 platform.
- Languages: Javascript, HTML, Pug, CSS, nodeJs, MongoDB
- Frameworks: ExpressJs, JXP, Handlebars

### Software Developer Intern

#### BBD

📅 February 2019 - June 2019 📍 Killarney, SA

- Developing a bitbucket dashboard for the whole team at insure group
- Designing the app structure and deciding which technologies to use to achieve the purpose of the app
- Used c#, asp.netCore, angular 7 and Visual Studio.
- Built a docker image for the desktop App created and transferred an image to a raspberry pi, then ran the image from Octopus

### Software Developer Intern

#### BBD

📅 January 2018 - May 2018 📍 Killarney, SA

- Developed an automated test for the nedbank global payments system at the Offices in Killarney
- Used c#, SpeckFlow framework and visual studio as an ide.
- Bootcamps for all technologies involved(ie ASP.NET, java, typescript, MySQL)

## EDUCATION

### MICT SETA NQF Level 5

#### Wethinkcode-JHB, SA - Software Engineering

📅 May 2017- May 2019

### Mine Survey Certificate

#### StellenBosch Technology Institute, SA - Underground Surveyor

📅 January 2009- Dec 2009

## SKILLS

### Programming

Java Linux/Ubuntu JavaScript  
HTML,CSS PHP Maven Swift  
C# MySQL Git JQuery  
Angular 7 C CSS Postman  
RestFul API MongoDB

### Technical

Computer Programming  
Logical and Structured Thinking  
Attention to Detail  
Problem solving skills

### Personal

Ability to Work Under Pressure  
Decision Making Time Management  
Self-motivation Leadership  
Adaptability Communication  
Resilience Presentation Team Player

## LIFE PHILOSOPHY

*"Try and fail, but NEVER fail to try" and "Failure should never be a source of discouragement but rather a fresh stimulus"*

# PROJECTS COMPLETED

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## libft

- 🔗 <https://github.com/ssekese1/Libft>
- This is a project whereby own standard library is created instead of using built-in libraries.
- C language was used to code the libraries

## get\_next\_line

- 🔗 <https://github.com/ssekese1/GNL>
- This projects is about creating a function that, allows to read a line ending with a newline character from a file descriptor, without knowing its size beforehand.
- Its a C language Project.

## Matcha

- 🔗 [https://github.com/ssekese1/WTC\\_WEB-MODULE/tree/master/Matcha](https://github.com/ssekese1/WTC_WEB-MODULE/tree/master/Matcha)
- This is a meeting or dating website where user can match and interact with other users
- Apache, PHP, Javascript and MYSQL project with No Frameworks used.  
Its composed of the following Features:
- Signup, Login and reset password page
- The Home Page
- Profile View and Edits
- User can find a match using different search categories

## Camagru

- 🔗 [https://github.com/ssekese1/WTC\\_WEB-MODULE/tree/master/camagru](https://github.com/ssekese1/WTC_WEB-MODULE/tree/master/camagru)
- This is an instagram like website
- Apache, PHP, Javascript and MYSQL were used to built the website
- Its composed of the following Features:
- Signup, Login and reset password page
- The HomePage/Landing Page
- Profile View and Edits
- Photo capture with webcam or upload from a computer
- Filters for taking pictures
- Comments and Likes
- Gallery with pictures of everyone who has uploads on the website. can be viewed by everyone but only signed up individuals can comment and like.

## Avaj Launcher

- 🔗 [https://github.com/ssekese1/Avaj\\_](https://github.com/ssekese1/Avaj_)
- avaj-launcher is a java project in the OOP branch that teaches about the Gang of Four patterns and how to implement then in a UML diagram
- Aircraft simulation program based on a given UML class diagram
- Java SE language used

## Swingy

- 🔗 <https://github.com/ssekese1/Swingy>
- RPG(Role Playing Game) using Swingy (Java) library
- follows Model-View-Controller architecture
- switching player to play the console view and GUI view.
- A player can have multiple heroes of different types. After choosing a hero the actual game begins. The initial position of the hero is in the center of the map. He wins the game if he reaches on of the borders of the map.

## Swift\_Companion

- 🔗 [https://github.com/ssekese1/Swift\\_Companion](https://github.com/ssekese1/Swift_Companion)
- This is an IOS Project developed in Swift language and Objective C using Xcode as an IDE
- The project is to build an IOS application that will retrieve the information of 42 student, using the 42 API.

## Fix Me

- 🔗 <https://github.com/ssekese1/Fix-me>
- This project implements simulation tools for the financial markets that exchange a simplified version of FIX messages. The tools are be able to communicate over a network using the TCP protocol.
- there are 3 independent components that will communicate over the network -A market component, A broker component, A message router
- Uses non blocking sockets(Asynchronous) and the java executor framework for message handling.
- Java, Maven and IntelliJ were used to built the project

## OTHER

- Social Tech Group at WeThinkCode, using Ionic Framework to built an app for a client that will intergrate all security systems.
- Attend Hackerthons

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## REFERENCES

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### **Jason Norwood-Young**

@ jason@10layer.com

10Layer  
84 Albertina Sisulu Rd,  
Johannesburg, 2000

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### **Mark Seftel**

@ mark@workshop17.co.za

workshop17  
138 West St,  
Sandown,  
Sandton, 2031

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### **William Van Staden**

@ williamv@bbd.co.za

InsureGroup  
IOM House,  
6 St Giles St.,  
Randburg, 2194