





CURRICULUM VITAE



SIMBISO MARWISE

Software Engineer

CONTACT

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PROFILE

I am an energetic person who is eager to learn new skills. I have experience working individually and as part of a team which has taught me to be dependable. I am able to work under pressure. I once helped a co-worker when some wires in the server room caught fire! Even though I take my work seriously, I do have a good sense of humour.

LANGUAGES

Python	●●●●●●●●●●●●●●●●
C	●●●●●●●●●●●●●●●●
PHP	●●●●●●●●●●●●●●●●
Javascript	●●●●●●●●●●●●●●●●
HTML/CSS	●●●●●●●●●●●●●●●●
C++	●●●●●●●●●●●●●●●●

EDUCATION

● WETHINKCODE_

SOFTWARE ENGINEERING

- graduating with SETA issued NQF level 5 certificate
- learnt how to code
- learnt how to quickly be proficient in new languages and frameworks
- improved soft skills and speaking skills by presenting
- won award for one of the school's core values
(Most Curious Student on Campus 2019)

2018 - 2020

● UNIVERSITY OF JOHANNESBURG

ELECTRICAL ENGINEERING

- completed first year successfully
- dropped out due to financial constraints

2016 - 2017

● N.M TSUENE HIGH SCHOOL

MATRIC (NSC)

Mathematics, Physical Sciences, Life Sciences, English(FAL), Geography, Consumer Studies and Life Orientation.

2014 - 2015

EXPERIENCE

● WETHINKCODE_

SOFTWARE DEVELOPMENT INTERN

- created an automated code structure checker that WeThinkCode_ has requested to purchase
- part of the team facilitating bootcamps
- led a pod of about 40 students every bootcamp
- gave technical help to students who needed it
- helped test students' code

January 2019 - May 2019

PROJECTS

WEB

CAMAGRU

github.com/camagru

- web application
- similar to Facebook
- made using PHP, Javascript, HTML, CSS and MYSQL

HYPERTUBE

github.com/hypertube

- a torrent website to stream and download movies
- group project
- made using Node.js, PHP and MYSQL for the database.

AUTOMATED CODE ANALYSER

NORMINETTE

(available for demo on request only)

- a program made for WeThinkCode_ students as they are starting out
- verifies if code is readable and properly structured
- program goes through the student's files and ensures the 40 rules for readable code are properly followed

DEVOPS

Docker

github.com/docker

- making and manipulating docker machines, volumes and containerising apps from the command line.
- Dockerfiles

MORE PROJECTS

There's more on GitHub, some of my favourites are:

- **fdf** - a program to project maps in 3D
- **wolf3d** - a 3D labyrinth where a player can move around in
- **nm-otool** - inspects object files to find what went into creating them, what functions etc

These and more on:

github.com/smarwise

MATCHA

github.com/matcha

- web application
- similar to tinder
- made using Flask with Python and MYSQL for the database

NETWORKING

FT_P, IRC and ZAPPY

(can be found on my GitHub)

- FT_P was a networking project that used TCP to send info between a server and a client.
- IRC was a chat program much like slack, but an older version
- ZAPPY was a game with teams connecting to a server and playing against each other.

Cloud-1

github.com/cloud

- documenting and learning how to install a simple Wordpress website on AWS cloud.
- run the website on two servers depending on traffic

REFERENCES

Gina Stoltz

WeThinkCode_ Head of Talent

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WeThinkCode_ Technical Team

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