

Martin Ombura

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Phone Number (KE): +254 797 107 317

Work-Experience

Uplift App (*AngularJs, Ionic, NOSQL*) - Chief Coder & Lead Software Engineer

TeenActiv

(Work) Feb (2016) – October(2016), (Cape Town, South Africa)

- Developed a hybrid application that allows users to challenge each other on various categories e.g. education, health, whilst donating proceeds to local charities.
- Users earn rewards such as vouchers from trusted brands e.g. Vida etc. upon successful completion of the challenge.
- Developed using AngularJs and Ionic and use of NOSQL Database Firebase.

Employer: Carsten Gertz

Contact: +27837333622

carstengertz@worldonline.co.za

CASABIO App (*Android Java, REST*) - Lead Software Engineer

CASABIO

(Work) Feb (2016) – November(2016), (Cape Town, South Africa)

- Developed both a native and hybrid application for CASABIO organisation to allow users to interface with their online platform
- Learned how to create, manipulate and consume REST APIs
- Developed using native Java (Native), AngularJs and Ionic (Hybrid)

Employer: David Gwynne-Evans

Contact: +27723689244

capebio@gmail.com

City of Cape Town (Western Cape Government) (*SAP, BPMN Collaboration, Business Analysis*) -

Business Analyst

(Work) July (2015) – October (2015), (Cape Town, South Africa)

- Worked as a Business Analyst for the City of Cape Town HR Department.
- Job entailed creation, analysis and recommendations for process improvement within the City of Cape Town HR Department using BPMN Collaboration diagrams and consultation with the employer.

Employer: Verity Japtha

verity.japtha@capetown.gov.za

Siyavula Mind Maps (*Java*) - Software Engineer

Siyavula

(Work) July (2015) – October (2015), (Cape Town, South Africa)

- Worked as part of a team to develop an application that displays mind-maps that aid teachers at Siyavula in elaborating conceptual linkages between the sciences.
- The application was written in Java, and utilized graphing data-structures to create and illustrate the mind maps.

Supervisor: Michelle Kuttel

mkuttel@cs.uct.ac.za

EffcommSA (*PHP ZendFramework, Javascript, SQL*) - Developer

(Work) July (2015) – December (2015), (Cape Town, South Africa)

- Worked using the SCRUM Software Design Methodology.
- Utilized test-driven development (TDD) to develop additional modules to the portal.
- Familiarized myself with Change Requests for Raymond James Internal Portal (UK Client).
- Worked primarily using PHP, Javascript and SQL as part of the Zend Framework.

Employer: Allister Smith

Contact: +27 21 447 0704

asmith@effcomm.com

EffcommSA (PHP ZendFramework, Javascript, SQL) - Junior Developer

(Internship) (Cape Town, South Africa)

June (2015) – July (2015)

- Worked on the company's internal portal by fully automating their Intern Application System.
- Familiarized myself with Project Management Software as well as Revision Control Software such as JIRA and Bitbucket(Git).
- Worked using the SCRUM Software Design Methodology.

Employer: Allister Smith

Contact: +27 21 447 0704

asmith@effcomm.com

BancABC (VBA, SQL) - Lead Designer and Software Engineer

(Work) (Dar-Es-Salaam, Tanzania)

June (2014) – July (2014)

- Developed a Loan Tracker System using VBA and SQL to help the bank track loans made by their sales agents at real-time.
- Worked closely under the database administrator in South Africa, to feed the banks centralized information from South Africa to Tanzania using SQL Management Studio.

Employer: Bryne Rwodzi

Contact: +255779000640

brwodzi@gmail.com

Media and Software Studio (PHP, Javascript, MySQL) - Intern

(Mombasa, Kenya)

(2012-2013)

- Helped develop the current Base Titanium website for a construction company located in Mombasa, Kenya. (basetitanium.com).
- Learnt PHP, MYSQL, Javascript and Version Control as well as industry software design-patterns.

Employer: Paul Schwarz

Contact: +254736998202

paul.schwarz@mss.co.ke

Personal Projects

Scarlaria Studios (Java, Angular, RxJs, Firebase, NOSQL) - Lead Software Engineer
(Jan 2013-present)

This is a company I created to harbor various innovative technological ideas with the single goal of bringing them to fruition. Any project that harnesses cutting-edge technology and innovation is welcome to be part of the platform.

- **Project Tycho** - A fitness application that enables users to employ statistics to track their fitness.
(Still in progress) - follow at <https://tycho-fc797.firebaseio.com>
- **Project Laiko** - A portfolio based application allowing users to showcase their work
(Still in progress) - follow at www.scarlaria.com.
- **Project Logos** - A Native Android Application that allows users to learn essential vocabulary for their particular field of work (Still in progress).

www.scarlaria.com

Education

- International Baccalaureate Diploma, Aga Khan Academy, (2012).
- B.Sc., Computer Science and Business Computing, University of Cape Town, (2015).
- Hons., Information Systems, University of Cape Town, (2016-2017). (Graduated May-2017)

Awards & Certificates

- Deans Merit List – University of Cape Town (2014)
- Second Class, Division One Honours – University of Cape Town (2016)
- Global Citizenship (GC1 – Globalization & Debates) – University of Cape Town (2016)
- Global Citizenship (GC2 – Service, Citizenship and Social Justice) – University of Cape Town (2016)

Professional Board Membership

- The Institute of IT Professionals South Africa (IITPSA) - Associate Member (AM17000005), (2017)
- Institute of Chartered IT Professionals (ICITP) - Associate Member (O064868), (2017)

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Repository Links

Github Repository: <https://github.com/martinomburajr/>
Taiga Repository: [@martin_omburajr](#) (Work with Assembly and various other languages)