

EMILLIO ITAI MARAMBO

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 [emillio-itai-marambo](#)

Personal Details

- Age : 27
- Gender : Male
- Marital Status : Single
- ID Number : EN278557

Objectives

I am an innovative Software Developer offering close to two years of experience as a Full Stack Software Developer using C# and Angular. This has equipped me with a great understanding of the Software development life cycle, from concept through delivery of next-generation applications and customizable solutions. Understanding of the development methodologies, tools, and processes has allowed me to develop not only scalable software but fast, efficient, and responsive software products. As a way to enhance my skills, I am working towards becoming a certified agile developer.

Education

- [Rhodes University](#) February - December 2019
Honours in Computer Science (1 year)
- [University Of Fort Hare](#) February 2015 - November 2017
Bachelor Of Science (3 years)
- [Mutenderende High School \(Zimbabwe\)](#) January 2012 - December 2013
Advanced Level (2 years)

Experience

- [DiPAR Systems, Cape Town, South Africa](#) January 2020 - Present
Full Stack Software Developer (Permanent)
 - Translate application specifications and use cases into functional applications
 - Design, build, and maintain efficient, reusable code
 - Integrate data storage solutions on MS SQL Server
 - Ensure the best possible performance, quality, and responsiveness of applications
 - Identify bottlenecks and bugs, and devise solutions to mitigate and address these issues
 - Help maintain code quality, organization, and automatization
 - Carry out code reviews and assist in the mentoring of Junior Developers
 - Assist / Advise development managers with technical analysis
 - Carry out R&D / POC for new system features / requirements
 - Assist debugging and resolving support issues on systems
- [Revival Technologies, Harare, Zimbabwe](#) September 2018 - February 2019
Technical Services Officer (Permanent)
 - Installation, maintenance and troubleshooting of Wavetec queue management system for clients
 - Creating network plans for the installation of queue management system for new clients
 - Troubleshooting and fixing of problems with queue management system for already existing customers
 - Office cable management for clients' boardrooms
 - Installation of video conferencing systems (including Polycom systems)
 - Setting up and maintenance of the company's network
 - Technologies worked with include PHP , JavaScript Microsoft SQL and .NET Framework
 - Testing of systems developed internally

- [Stanbic Bank, Gweru, Zimbabwe](#)

November 2014 - February 2015

Bank Teller (Contract)

- Standard of Service which includes serving customers (accepting deposits and making payments) and introducing them to new services
- Security and control of cash, thus taking responsibility of customers' asset
- Data cleansing (updating customer information in case of a change of address or other important information)

- [Pula Sales, Harare, Zimbabwe](#)

March 2014 - October 2015

Merchandising Promoter (Contract)

- Introducing customers to company products
- Demonstrating product usage to prospective customers
- Making sure there is enough shelf space and it's clean and tidy
- Negotiating orders and compiling monthly branch sales report

Skills

- Top Programming and Database Languages

- C#
- Java
- Kotlin
- Python
- MS SQL
- MySQL
- Firebase (NoSQL)

- Top Scripting and Markup Languages

- TypeScript
- JavaScript
- JQuery
- Angular
- Css
- Html5
- LaTeX

- DevOps and Others

- Understanding of Virtualization and Containerization Technologies including Docker, Kubernetes
- Azure Services Pipelines
- Version Control using Git, Bitbucket, TFS
- Computer Networking and Information Security
- Understanding of Operating System (Linux Scripting, User Management, File System Administration)

Projects

- [Property Management Application \(Mobile Application\)](#)

This application allows users to advertise or search for properties. With the high demand of properties in the growing cities of Zimbabwe this application would help people to easily find or sell their properties. This was built using Kotlin as a way of learning a new language by implementing something.

Results:

A working Android application with five modules. The first version of the application can be downloaded from the following link:

<https://tinyurl.com/4rrnm6pl>

- [Repackaging a bioinformatics web service \(Honours Project\)](#)

A Web Service Developed by a Bioinformatics PhD Student requires significant skills to set up especially for those without Computer Science background. The main aim of this project was to prove how Containerization Would simplify deployment of such a service. This was focused on improving the deployment process as well as making efficient use of resources when deploying resource intensive applications on self managed servers.

Results:

We managed to separate the application into microservices, with each service running on its own container. The resulting images were hosted on Docker Hub. For detailed information visit my github repository <https://github.com/Emilliato>

- [Grasp Chemicals Internal System](#)

Developed a system for issuing Invoices, Purchase Orders and Delivery Notes using a Django (Python framework). This has helped Grasp Chemicals to speed up the generation of their invoices.

Results:

Fully functional system finished within a month. Checkout my github repository for more information or access a live demo here.

<https://tinyurl.com/2x557j9f>

- [Uapp \(Android Application\)](#)

Uapp is an Android application that enables researchers to keep track of sites they visit by saving their important urls. This the first functional Android application that I created. The application uses Firebabse Database which has offline capabilities for managing data. The app is not yet available on Google Playstore but the first version can be downloaded from the following link:

Results:

A functional application with user level policies. <https://urlzs.com/wepZt>

- [More Projects](#)

You can find out more of my projects on github through the following link: <https://github.com/Emilliato>

Interests

- Applications of Machine Learning in the area of Voice Recognition, Language detection and Translation
- Big Data Analysis
- Artificial Intelligence
- Electrical Engineering

References

Grant Le Roux - "Dipar Systems"

Web And Mobile Development Manager

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Mrs Charity Nyabereka - "Revival Technologies"

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Mr Martin Masvimbo - "Stanbic Bank, Zimbabwe"

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