Personal info

Mr Takudzwa Mawarire

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Profile

<u>FULL STACK SOFTWARE DEVELOPER | GIS EXPERT</u>

I combine my advanced knowledge, experience and skills with technology in order to develop professional and innovative applications.
I follow OAUTH, REST and SOLID software engineering principles. I am also a fan of BDD and Agile methodologies.
By following the best practices, I produce "clean code" which is comprehensive, easy to read, debug and maintain.
An innovator of next-generation solutions, systems and applications giving companies a competitive edge and producing outstanding results for customers.
I have a keen eye for great user interfaces and have a unique approach to problem-solving. I never stop learning.

Work experience

10/2018 – present

Implementation & Support Developer
Sybrin (ZW), Harare, Zimbabwe

Sybrin is an industry leading company in the realms of **Banking, Financial Services & Customer Acquisition** in Africa.I am currently serving as an implementation and support developer. My primary work includes:

- Upgrade existing systems to Sybrin Enterprise Studio (ASP.NET Core, Angular 7, Redis, Dapper, and MSSQL).
- Design and collaborate with the team on change requests and new projects.
- Implement Change Requests and New Projects.
- Build in-house systems to improve day to day work-flows (Angular 7, ASP.NET Core, SQL Server)
- Troubleshoot errors at existing customers (Sybrin Applications :- C# & SQL Server (TSQL)).
- Improve efficiency of current systems.
- Testing & Documenting projects (ASP.NET Core, C# , Angular 7)

To date, I had the opportunity to be part in the development of solutions for various clients that include BancABC BW, Standard Bank ZW, Akribos Capital & First Capital Bank (Barclays ZW)

08/2014 – 09/2018

Solutions Developer & GIS Expert
Integral Edge Systems Design, Harare, Zimbabwe

I served as a Solutions Developer & GIS Expert at the company. I started out as an intern software developer & GIS consultant, while I was also studying. I had the opportunity to be part in the development of solutions for various clients that include UNICEF, The Netherlands Development Organization (SNV) & the Government of Zimbabwe.

- Led solutions engineering that involved process automation and functionality enhancement. Replaced time-consuming, error-prone manual processes with elegant, automated solutions.
- Developed and enhanced programs using JavaScript, C#, contributing to solutions that streamlined processes, increased accuracy and lowered costs.
- Presenting ideas for system improvements
- Writing the program code (client side and back-end)
- Implementing complex GIS modeling algorithms in code.
- Testing the product in controlled, real situations before going live
- Preparation of training manuals for users
- Maintaining the systems once they are up and running

Work experience

06/2016 – 08/2016   **GIS Developer**
GISKONSULT , Gweru, Zimbabwe

GISKonsult Plc is a Division of Greatop Investments Pvt. Ltd which is based in Gweru, Zimbabwe. I was contracted to develop a Custom Web Based Municipal GIS for the city of Gweru based on a prototype I had developed
for my final year project.

- Gather and refine specifications and requirements based on technical needs
- Write well designed, testable, efficient code by using best software development practices
- Create user interfaces and back-end using standard ASP.NET MVC 5 practices
- Design and develop a robust geo – database on SQL Server 2014
- Create and maintain software documentation

Education

06/2011 – 11/2016   **B.Sc. Honours in Surveying & Geomatics**
Midlands State University, Gweru, Zimbabwe

Studying surveying & geomatics was not by **choice**, but toward the end, I found a **passion (GIS & Software Development).** I have to face life with a newly found passion. Passion is the energy that keeps me going, that keeps me filled with meaning, and happiness, and excitement, and anticipation.

Graded: Upper Second (2.1)

<u>Achievements</u>
Development of a Web based Service Fault Reporting GIS for use by the local municipality (Gweru City Council).

<u>Presentations</u>
Survey Institute of Zimbabwe Annual General Meeting 2016 Victoria Falls : Web Based Service Fault Reporting GIS.

Skills

Software & Web Development		**GIS**	
C#	●●●●●	Cartography	●●●●●
ASP.NET Framework	●●●●●	Spatial Analysis	●●●●●
Angular 7	●●●●○	Geo Database Design & Management	●●●●○
Node.js	●●●●○	GIS Development	●●●●●
SQL Server 2008 & Up	●●●●●	ArcGIS	●●●●●
Postgres	●●●○○	QGIS	●●●●●
Xamarin	●●●●●	AutoCAD Map/ Civil 3D	●●●○○
.Net	●●●●●	Spatial Modeling	●●●●●
React.js	●●●○○		
Javascript	●●●●○		
TypeScript	●●●●○		