Profile

An avid, innovative and resourceful Full Stack Developer & GIS Expert who keeps an endless watch on what's next in emerging technologies. I have a keen eye for great user interfaces have a unique approach to problem-solving and constant thirst for knowledge making me a go-to resource on all things technology. #.Net #Angular #NodeJS

Work experience

Implementation and Support Developer
10/2018 – 08/2020

Imaging Solutions (Pvt) Ltd (Sybrin ZW), Harare, Zimbabwe

- Troubleshoot errors at existing customers
- Design and collaborate with the team on change requests and new projects.
- Implement Change Requests and New Projects.
- Work on upgrade projects onto Sybrin Enterprise Suite
- Improve efficiency of current systems.
- Testing & Documenting projects
- Analyzing customer requirements.

Technologies: Sybrin Applications & API ,C# , ASP.NET Core, Angular 6+, Redis, Dapper, and TSQL, Docker, Kubernetes

Systems Developer & GIS Specialist
08/2014 – 09/2018

Integral-Edge Systems Design, Harare, Zimbabwe

- Working with geographic information systems (GIS) to solve problems, present data, and store information
- Designing and developing GIS web applications
- Designing and developing spatial databases
- Analyzing user requirements, researching, designing and writing new software programs, testing new programs and fault finding, developing existing programs by analyzing and identifying areas for modification
- Creating technical specifications
- Working closely with other staff, such as project managers, graphic artists, UX designers, other developers, systems analysts, consulting clients and colleagues concerning the maintenance and performance of software systems with a view to writing or modifying current operating systems

Technologies: TSQL, C#, ASP.NET MVC, JQuery, Bootstrap, ASP.NET WebForms, Xamarin, ArcGIS

GIS Developer (Freelance)
06/2016 – 08/2016

GISKonsult Plc, Harare, 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. My major duties were:

Mr Takudzwa Mawarire

Personal info

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- Zimbabwean
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- MCSD: App Builder - Certified 2019
- https://www.kickresume.com/cv/takudzwa-kain-mawarire/

Social Media

in	f	🐦
Takudzwa Mawarire	Takudzwa Mawarire	@tkmawarire

Work experience

- 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

Technologies: TSQL, C#, ASP.NET MVC, JQuery, Bootstrap

Education

(Bsc.)Honours In Surveying And Geomatics   06/2011 – 06/2016

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
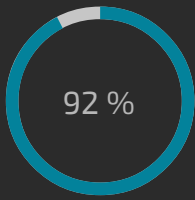happiness, and excitement, and anticipation.
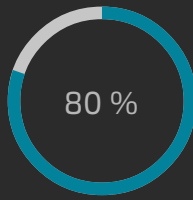Graded: Upper Second (2.1)

Certificates & Exams

MCSD: App Builder - Certified 2019   11/2019
Microsoft

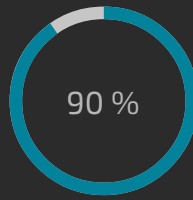MCSA: Web Applications -Certified 2019   09/2019
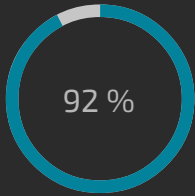Microsoft

Strengths

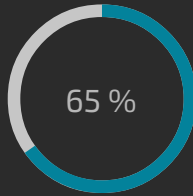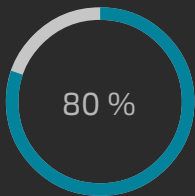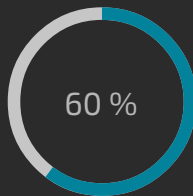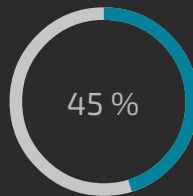|		
92 %	80 %	90 %
ASP.NET Core	Angular	Entity Framework
92 %	65 %	75 %
C#	CSS	Javascript
80 %	60 %	45 %
Xamarin	Node.js	React
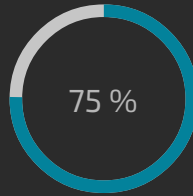
Skills

C#   Microsoft SQL Server   Visual Studio

ASP.NET MVC   Xamarin   Entity Framework

ASP.NET Web API   JavaScript   Typescript

Angular   Node.js   React.js   Express.js

GraphQL   Web Mapping

Spatial Data Management   Geospatial Modeling

Microsoft Azure   Cloud Computing   TDD
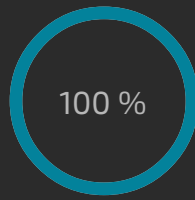
Docker   Kubernetes   AI   IoT   PostgreSQL

RabbitMQ

Languages

100 %

English

100 %

Shona

Major Projects

Service Fault Reporting GIS
02/2016

A system (mobile app) that can be used by the citizen to report service faults (water burst, sewer burst etc) to the responsible authorities. This info is sent to the cloud and is used by a Web GIS to derive insights. The Web GIS has several tools that can be used to analyse the data providing real-time insights that can be used to aid decision making.

Zimbabwe Rural Wash Information Management System (RWIMS)
10/2016

Government Of Zimbabwe

RWIMS is an integrated web based geographic information systems that was developed
specifically for the National Action Committee on WASH (Zimbabwe Government) to act as a
national inventory of all Water, Sanitation and Hygiene enabling facilities at all villages,
schools, health centers and other institutions throughout rural Zimbabwe. The system is
comprised of a mobile application for field data collection and mapping, a national web accessible geodatabase that stores all the country's WASH data and a web-based application for retrieving, querying, and analyzing, reporting and map visualization of the country's WASH data. I am one of the two systems developers who worked on this project. The system user base constitutes of 1,620 ward-based field data collectors and 1000+ web-based users who have an interest in the WASH sector of the country.

RWIMS SNR
04/2018

Government Of Zimbabwe

RWIMS SNR (SMS Notification and Response Service) is an SMS and web-based system that allows the government and other stakeholders to monitor and respond to Water Sanitation & Hygiene (WASH) related issues in the country. This system is an upgrade to RWIMS, and allows key informants at village level (registered per facility /

Major Projects

institution/ village) to raise WASH related issues (e.g. communal water wells breaking down or drying up, poor sanitation coverage etc.) via SMS. The SMS data will be linked to the mapped village information and available to real-time monitoring. Response requests will also be raised by the system via SMS and email to respective agents (e.g. village pump-minders, health practitioners, donors etc.).

Garnishee Order Solution   05/2019
Banking/Finance

Developed a cost-effective and problem-free management solution for the administration of Garnishee Orders. This has helped the organization keep track of all orders received and it also allows them to know the current state of any order as required by law.

Credit Registry Submission System
Banking/Finance

The solution is a unique integration with the central bank (RBZ) that allows banks to submit their customer credit records.

Electronic Document Management System   06/2019
Logistics / Freight Forwarding

I designed and implemented document management system for a clearing & forwarding company and it's used to receive, track, manage and store documents and reduce paper. It's capable of feeding documents from their network scanner, keeping a record of the various versions created and modified by different users.

Bulk Payments Solutions   04/2020
Banking/Finance

After a bruising battle with the banks, Paynet withdrew its services which included payroll and bulk payments processing. This created an opportunity for a home-grown solution which I was privileged to develop for one of the major banks in Zimbabwe. The system automates excel schedules that were now being sent to the bank for manual processing via email. With no limits to the number of transactions a batch can carry, the system drastically reduced the amount of time taken to process bulk payments. The system not only processes bulk payments but it also does automated reconciliations for any transactions that failed during processing. This has made the solution even handy for account managers for big cooperates.