Mr Takudzwa Mawarire

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 – present
Imaging Solutions (Pvt) Ltd, 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:

Personal info

- 📅 14/07/1992
- ⚑ Zimbabwean
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- ☎ +263779960053
- ⌂ Zimbabwe, Harare, 10 Bryden Road, Mount Pleasant
- 🔗 https://takudzwa.azurewebsites. net
- 🔖 MCSD: App Builder - Certified 2019
- 📋 https://www.kickresume.com/cv /takudzwa-kain-mawarire/

Social Media

in Takudzwa Mawarire

f 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
https://www.youracclaim.com/badges/e0c1b76f-b655-4bcd-a815-73ed34ccad62/public_url

Earners of the MCSD: App Builder certification have demonstrated the skills required to build modern mobile and/or web applications and services. Earning this certification qualifies an individual for a position as an application developer. (Microsoft Learning. 2019)

### MCSA: Web Applications - Certified 2019   09/2019
Microsoft
https://www.youracclaim.com/badges/139ee1f7-69fb-4d44-8ffd-8cd53b0023e7/public_url

Earners of the MCSA: Web Applications certification have demonstrated the skills required to implement modern web apps. They are qualified for a position as a web developer or web administrator (Microsoft Learning. 2019)
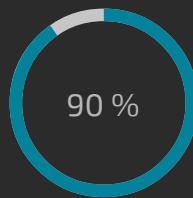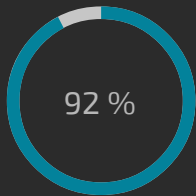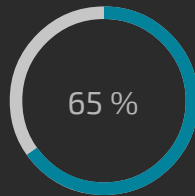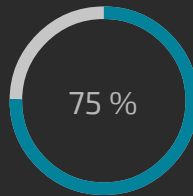
Strengths

92 % ASP.NET Core

80 % Angular

90 % Entity Framework

92 % C#

65 % CSS
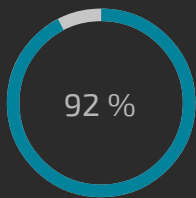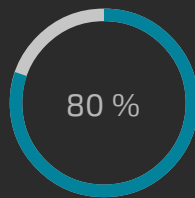
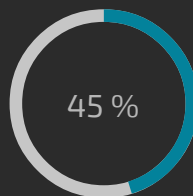**75 %** Javascript
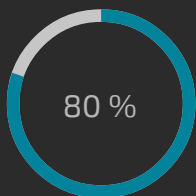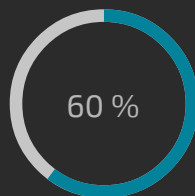
80 % Xamarin

60 % Node.js

45 % 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
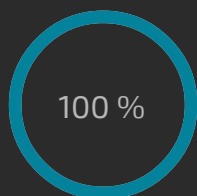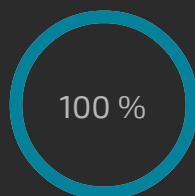
Docker | Kubernetes | AI | IoT | PostgreSQL

RabbitMQ

Languages

100 %

English

100 %

Shona

Major Projects

Service Fault Reporting GIS   02/2016
http://ir.msu.ac.zw:8080/xmlui/handle/11408/2924

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   10/2016
Information Management System
(RWIMS)
Government Of Zimbabwe
http://154.120.240.158/rwims

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
http://154.120.240.158/rwims

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 Management System
05/2019

Stanbic Bank

Developed a Garnishee Order Management System for Standard Bank Zimbabwe. The project included integrating with their core banking system to automate the transfare of funds from the garnished accounts without human intervention

Credit Registry Submission System

First Capital Bank

Developed a Credit Registry Submission System for First Capital Bank Zimbabwe. The system automates credit information submissions to the Reserve Bank

Electronic Document Management System
06/2019

Key Logistics

Key Logistics offers international air freight forwarding services connecting all major global markets – inbound and outbound, intercontinental, and inter-regional. I designed and implemented the system process will b used to collect, index and archive client's information and supporting documentation that is used during the importation process.