Zibusiso Mangena

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Summary

I am a website and mobile application developer.
Always learning, always problem-solving, always improving.

Experience

Technical Director
DigiProWare

Jan 2020 - Present (10 months +)

DPW (DigiProWare) is a tech startup I co-founded that develops websites and cross-platform mobile applications.

-We are a fairly new start-up but have already managed to create meaningful relationships with the local community and continent, delivering simple tech solutions tailored to our valued customer's needs.

-I am the Project Planner and Systems Analyst

-I develop UI elements in websites and apps

Project Lead
Signatures

Sep 2019 - Nov 2019 (3 months)

This was a minor project in which we developed a program that could verify signatures and plot them (in C++ and Qt).

-I was the project lead of a 3 person team, in which I allocated and tracked tasks, oversaw the troubleshooting process and communicated with the supervisor.

-I also implemented the file access algorithm and the data structure for the machine learning process.

-It made up 25% of my COMP 315 module mark, for which I was awarded a passing grade.

Project Lead
Solid State

Sep 2019 - Nov 2019 (3 months)

This was a minor project in which we developed Event Management Offline and Web-Based Systems (in Visual Basic, SQL, C#, ASP.NET, ADO.NET, Power BI, HTML5, CSS and Bootstrap).

-I lead a 5 person team, which entailed task management, organizing code sprints, writing reports and scripting presentations for supervisors.

-I designed the data flow and website map. I also developed employee portals, report printing and user authentication.

-It made up 50% of my ISTN 3AS module mark, for which I was awarded a passing grade.

Project Lead
SDZ

Feb 2017 - May 2017 (4 months)

This was another minor project in which we developed an e-commerce site selling electronic goods (in HTML5, PHP, CSS and JavaScript).
-I was the project lead of a 3 person team, which entailed conducting presentations, communicating with my supervisor and organizing meetings.
-I developed the storefront and catalogue database.
-It made up 30% of my COMP 203 module mark, for which I was awarded a passing grade.

Education

University of KwaZulu-Natal

Bachelor of Science - BS, Computer Science

2016 - 2019

Ambitious driven individual, with group leading experience. Tactically agile and ready to learn even more from my job opportunities.

Licenses & Certifications

Delf A1 French Proficiency - Alliance Française Paris Île-de-France

Skills

Project Management • Web Development • Network Architecture • Strategic Planning • Software Development • JavaScript • HTML5 • Bootstrap • React.js • State Management

Honors & Awards

A-level Computer Studies excellence prize - St Patrick's Christian Brothers' College
Oct 2014
1 of 2 out of 25 to receive an A-level Computer Studies excellence prize.

Academic half colours - St. Patrick's Christian Brothers' College
Feb 2015
1 of 15 out of 110 A-level students to be awarded Academic half colours.