

# Baramasimbe Bigwell

Date of Birth:	7 March 1993	3434 Rugare
Mobile:	0779787091/0777838334	Rujeko A,
Sex:	Male	
E-mail:	<a href="mailto:bigwellbara@gmail.com">bigwellbara@gmail.com</a>	Masvingo
LinkedIn:	<a href="https://www.linkedin.com/in/bigwell/">https://www.linkedin.com/in/bigwell/</a>	
GitHub:	<a href="https://github.com/bigwellbara">https://github.com/bigwellbara</a>	
Portfolio:	<a href="https://bigwellbara.github.io/portfolio/">https://bigwellbara.github.io/portfolio/</a>	

## Profile:

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I am a proactive and skilled **Software Developer**, specializing in hands-on development, design, and testing of software across different platforms. My professional journey has provided me with practical exposure to the entire software development lifecycle. Collaborating seamlessly within cross-functional teams, I have contributed to the creation of innovative applications that captivate users and drive tangible business outcomes. My proficiency extends to adhering to design standards and tailoring solutions to user preferences. My commitment to excellence is evident in my coding expertise, which I consistently refine to stay attuned to the dynamic landscape of technological advancements.

## Experience:

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### April 2023 - Current: Full-Stack Software Developer

#### Reformed Church University Roles and responsibility:

- **Database Design and Management:** Design and manage the database schema using Laravel's Eloquent ORM (Object-Relational Mapping) or other database tools.
- **Server-Side Development:** Develop the server-side of the university ERP, Student Portal and Online Application using Laravel, including creating and maintaining APIs, routing, controllers, and middleware.
- **Front-End Development:** Develop the front-end of the applications using technologies like HTML, CSS, JavaScript, and popular JavaScript frameworks/libraries. Integrate the front-end with the back-end.
- **Version Control:** Used version control systems like Git to manage and collaborate on code with other developers.
- **Deployment:** Deploy the applications to a production server, configure server settings, and ensure the application is running smoothly.

- **Bug Fixing and Maintenance:** Identify and fix bugs and issues as they arise and perform regular maintenance to keep the applications up to date.
- **Code Quality and Standards:** Adhere to coding standards and best practices to maintain code quality, consistency, and readability.

## Projects

- **University ERP (Reformed Church University)**  
A University ERP system is a comprehensive management solution for universities, covering student info, program management, staff, finances, exams, admissions, data analytics, reporting, security, and access control.
- **Student Portal (Reformed Church University)**  
The Student Portal system is a digital hub where students access academic records, course registration, billing, notices, and event calendars. It simplifies administrative tasks like enrolment and grade monitoring, with a focus on security and privacy. It's mobile-friendly, enhancing the student's academic experience and engagement with the institution.
- **Online Application (Reformed Church University)**  
The online application app streamlines the admission process, enabling users to create profiles, access program details, submit applications, make online payments, and track their application status. It supports document uploads and offers a user-friendly, step by-step application process.

## July 2022 - December 2022: Back-end Software Developer

### Property 365Solutions

#### Roles and responsibility:

- Worked in an Agile software development environment
- Designing, developing, managing and monitoring ASP.NET Core RESTful and GraphQL Web API services
- Database management using MongoDB
- Developing and maintaining hosted services, worker Services Azure Service Bus and Azure Queues
- Requirements analysis and gathering, user story mapping using Azure, creating wireframes, UX/UI Designing using agile methodology
- Testing, Configuring and deploying applications to Azure virtual machine, Azure app services and Azure Kubernetes using azure pipelines.
- Azure repository code management, branching strategies and code merging
- Assist in setting and up-keeping coding and documentation standards

- Collaborating with development team and other IT staff to set specifications for new application

## Projects

- **Property365(Property Management Web based application)**  
The project aimed to streamline property and scheme management for various stakeholders. I played a key role in gathering user requirements, designing micro services and gateways, and implementing them within the Azure ecosystem.

## January 2018 - February 2019

### Computer Science Intern • Computer Gurus Pvt Ltd (Beitbridge)

- Setup of computer labs in various organizations and schools. I was part of the team setup the computer lab at Beitbridge Government Primary School from setting up the desks, the computers, power and network cables as well as cable management so that everything goes in its position to allow free movement of students in the lab.
- Installation and configuration of vSpace Desktop Virtualization software and thin clients devices.
- Installation of Windows Operating Systems and Eset Node32 anti-virus software
- Installation and configuration of ZIMRA's **ASYCUDA WORLD** application for border clearing agents
- Troubleshooting hardware and software problems, and installing office applications, and updating existing operating system

## October 2016 – October 2017

### Part Time C++ Programming Lecturer • Mushandike College of Wildlife Management (Masvingo)

- Develop and maintain a comprehensive curriculum for C++ programming.
- Deliver engaging lectures and practical sessions on C++ concepts and coding.
- Create assignments, projects, and assessments to evaluate students' understanding of C++.
- Provide guidance and support to students as they learn and practice C++ programming.
- Oversee and review student projects and assignments in C++.
- Offer preparation for relevant C++ certification exams, if applicable.
- Encourage ethical coding practices and data security in C++ programming.
- Mentor students on C++ programming career prospects and job opportunities in the IT sector.

## February 2015 – March 2015

### ICT Teacher • Hlanganani High School (Chiredzi)

- Develop and implement a comprehensive ICT curriculum.
  - Create lesson plans covering computer hardware, software, programming, and digital literacy.
  - Teach fundamental digital skills and software applications.
  - Introduce programming and coding concepts.
  - Familiarize students with computer hardware components and software.
  - Instruct on multimedia content creation, including graphics and animations.
  - Educate students on database management.
  - Promote online safety, cybersecurity, and ethical internet practices.
  - Develop and administer assessments to evaluate student comprehension.
  - Provide extra support or challenges for students with diverse learning needs. □
- Manage ICT resources, including computers and software.

### Other Projects

- **Personal Portfolio Website (Reactjs)**  
Portfolio website serves as a digital platform for me to exhibit my work, skills, and achievements. Its core functionalities revolve around presenting projects, providing detailed work descriptions, and showcasing media galleries that visually represent accomplishments. Additionally, an 'About' section offers background information, while client testimonials instill trust. Multiple contact options are available for visitor interaction, including an 'Services Offered' section, and downloadable resumes or CVs for a thorough professional overview. The website's integration of social media links, contact forms, and call-to-action buttons encourages engagement and inquiries, making it a comprehensive, visually appealing, and informative platform for showcasing my talents and achievements.

### Skills Summary:

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- **Programming languages** - C# ,PHP, Golang JavaScript, HTML, CSS
- **API development technologies-** REST , GraphQL and gRPC
- **Backend frameworks** - ASP.NET Core, Hot Chocolate and Laravel
- **Front end technologies** - Reactjs, Tailwind, Bootstrap, MVC
- **Databases** – mongoDB , PostgreSQL and MySQL
- **Cloud Services** - Azure Deployment, Azure DevOps , Git

- **Containerization** – Docker and Kubernetes(Basic Knowledge)
- Interactive Design , User Story mapping ,UX and UI design, Wire frames ,Agile
- CQRS, Event Sourcing, Domain Driven Design
- Micro services ,gateways(BFF) and micro frontends
- Hosted services ,Worker services and Azure Service bus and RabbitMQ(Basic Knowledge)
- Logging – Serilog, ELK, Azure Application Insights

## Education:

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### Bachelor's Degree in Computer Science

Great Zimbabwe University

- Degree Class: 2.1
- Year : 2016 -2019

### Diploma in Information Technology

Masvingo Polytechnic College- 2015

### Certificate in Information Technology

Masvingo Polytechnic College- 2011

### Ordinary Level

Mazare Secondary School-Masvingo – 2010

## Certifications:

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### Foundations of User Experience (UX) Design (Coursera)

- Issue Date : April 18 2022

Verify at: <https://coursera.org/verify/SKGQ2GC4LG4E>

## **REFERENCES**

Mr Revesai Z  
ICTS Director  
**Reformed Church University**  
+263 774 311 898

Mr Nyamwena E  
ICTS Systems Manager  
**Reformed Church University**  
Phone: +263 778 357 253

Mr Museruka D  
Tech Lead  
**Property 365 Solution**  
Phone: +27 81 278 8563

Mr Maluleke M  
Founder & Manager  
**Computer Gurus Beitbridge**  
Phone: +263 774 895 112