

# Tich Zvidzayi

Full Stack - Software Engineer



## Professional Profile

Tich is a Software Engineer (Full Stack) with experience in Logistics, Legal, Academia and Vehicle Manufacturing industries. He has worked with technologies like JavaScript(ReactJS, JQuery, NodeJS, TypeScript, Nextjs, Vuejs), C#, Python, PHP and Laravel. Tich holds a Bachelor and Master of Science degrees in Computer Science from Rhodes University. He is also a member of the Golden Key Society.

## Personal Information

✉ tzvidzayi@hotmail.com

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📍 Johannesburg  
South Africa

🌐 <https://github.com/tichzvidzayi>

## Languages

🇬🇧 English

## WORK EXPERIENCE

August 2023-  
present

### Software Engineer

📍 Pretoria, South Africa

*BMW*

a German multinational manufacturer of luxury vehicles and motorcycles

Responsibilities:

- Worked as part of a 15 member team to provide solutions for BMW teams.
- Participated in code peer reviews to ensure clean and efficient code.
- Used an Agile three-week Sprint and daily stand-ups (daily progress report)

**Technologies** JavaScript | Reactjs | Nodejs | TypeScript | Nextjs | MongoDB | GraphQL | Git | DynaTrace | Redis | Figma

November  
2022- August  
2023

### Software Engineer

📍 Cape Town, South Africa

*KITS*

KITS is a German-based legal automation company.

Responsibilities:

- Worked as part of a small team to automate legal services for clients in German.
- Participated in code peer reviews to ensure clean and efficient code.

**Technologies** C# | BPMN | JavaScript | Reactjs | TypeScript | jQuery | MySQL | Jira | Git

January 2022-  
November  
2022

### Software Engineer

📍 Cape Town, South Africa

*Pargo Pty*

Pargo is a smart-logistics company that simplifies last-mile logistics.

Responsibilities:

- Worked with other software engineers, testers, and product owners to identify problems, formulate and code solutions.
- Participated in code peer reviews to ensure clean and efficient code.
- Used an Agile two-week Sprint and daily stand-ups (daily progress report) this also included casual Tech talks to stay up-to-date with emerging technologies.
- Engineered new features that helped Pargo to expand its products and provide better services to customers.

**Technologies** PHP | Laravel | JavaScript | ReactJS | VueJS | NodeJS | TypeScript | Docker | Jira Software | Grafana Monitoring | PostgreSQL | InfluxDB | Git | Redis

November  
2019 - August  
2021

### Back-end Developer

📍 Grahamstown, South Africa

*Insight Technologies*

Insight Technologies is an IT consulting company and I worked for their client (nisc.co.za) an African journal publishing company.

Responsibilities:

- Worked closely with the director to identify requirements, formulate solutions and set milestones with clear deliverable.
- Maintaining, developing new features, and troubleshooting errors that occur in production.
- Used a weekly review to address progress, challenges, and improvements.

**Technologies** LAMP (Linux, Apache, MySQL and PHP) | JavaScript | ReactJS | JQuery | Python | Git

January 2018  
- March 2019

### Software Developer

📍 Harare, Zimbabwe

*PeopleSmart Human Capital Consultant (prev. Masani)*

PeopleSmart Human Capital Consultants is a consultancy organisation specialising in connecting businesses to employers.

Responsibilities:

- Worked as part of a young team to develop C# WPF desktop applications to simplify business solutions.

**Technologies** C# | Java | JavaScript | Python | Git

Soft Skills and Strengths

- Adaptability
- Attention to Details
- Keen to Learn
- Team Work

Technical Proficiency

- PHP
- Laravel
- C#
- ASP.Net
- JavaScript
- ReactJS
- VueJS
- NodeJS
- JQuery
- Java
- SQL
- Python
- PostGres
- MySQL
- InfluxDB
- MS SQL Server
- Latex
- Bash Scripting
- Linux Administration
- Docker
- AWS
- Git

Other Interests

- Blockchain
- Astronomy

Personal Projects

- tOrdersAPI

An API for storing and retrieving items that are stored. The API was tested using the Post-man application.

Technologies: Python, Flask, REST API, HTML, CSS (Bootstrap).

Available on: <https://github.com/tichzvidzayi/tOrdersAPI> ;
- UserManagementSystem

A web-application based user management system. This project can be extended to a full-blown school management system that can store academic, and credit records, etc.

Technologies: PHP and Laravel, HTML, CSS (Bootstrap), JavaScript (VueJS)

Available on: <https://github.com/tichzvidzayi/UserManagementSystem>
- FlipCardMemoryGame

A Reactjs FlipCardMemory Game

Available on: <https://github.com/tichzvidzayi/FlipCardMemoryGame>
- tMediaPlayer

A desktop application for playing media content e.g., mp3, mov, mp4, avi.

Technologies: C# and Windows Forms.

Available on: <https://github.com/tichzvidzayi/tMedia-Player>;
- BookStore API

A C# ASP.Net BookStore API




Available on: <https://github.com/tichzvidzayi/BookStoreAPI>
- tURLshortener

A web application that shortens long URLs to short URLs.

Technologies: PHP, JavaScript, JQuery, MySQL, Apache server, CSS.

Available on: <https://github.com/tichzvidzayi/tURLshortener>;

Academic Qualifications

	<div>Master of Science (Computer Science)</div> <div>Rhodes University</div> <div>Research : Linux Terminal Server Project (LTSP) to build sustainable e-infrastructure (2021)</div>	<div>📍 South Africa</div>
	<div>Bachelor of Science with Honours (Information Systems)</div> <div>Rhodes University</div> <div>Research Area: Artificial Intelligence (2017)</div>	<div>📍 South Africa</div>
	<div>Advanced Level</div> <div>Sandringham High School</div> <div>Mathematics, Physics, Computer Science (2012)</div>	<div>📍 Zimbabwe</div>

Academic Publications

- IST Africa 2021 Conference: LTSP client image maintenance: Utilising a virtualisation player to support educators to directly manage classroom applications (presented), March 2021;

Certificates

- LinkedIn: Building Web API with ASP.NET Core in .NET 6
- LinkedIn: ReactJs Essential Training
- Udemy: Complete Linux Training Course
- Udemy: Microsoft Azure DevOps & Amazon Web Service DevOps Masterclass 2 Course Bundle
- Coursera: (University of Minnesota) Introduction to Software Testing
- Coursera: (University of Alberta) Software Processes and Agile Practices