

# Jeremiah Taguta

## Masters in Information Systems

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💻 <https://tagutaj.github.io/> 🔗 [www.linkedin.com/in/jeremiah-taguta](https://www.linkedin.com/in/jeremiah-taguta)

<b>PERSONAL STATEMENT</b>	An ambitious, ever-learning and knowledge-sharing IT Professional with 3+ years of experience in systems architecture, design, and development who is passionate about solving real-world problems.	
<b>EDUCATION</b>	<b>Master of Commerce in Information Systems</b> <span style="float: right;">2021-2022</span> (Research in IoT in irrigation) <b>BSc. (Hons), Computer Science</b> <span style="float: right;">2016-2018</span> <i>Great Zimbabwe University, Masvingo, Zimbabwe</i> <b>Certificate in Introduction to Cybersecurity</b> <span style="float: right;">2019</span> <b>Certificate in Introduction to Internet of Things</b> <span style="float: right;">2020</span> <i>Cisco Networking Academy</i> <b>Google Cloud</b> <span style="float: right;">2021</span> <i>Google Developers</i>	
<b>TECHNICAL SKILLS</b>	<b>Database Operation:</b> Microsoft Office Access, MySQL, NoSQL, PostgreSQL <b>Programming:</b> Python, JavaScript, PHP, Java, C, C++, SQL, HTML5, CSS <b>Frameworks:</b> Django, ReactJS, Bootstrap <b>Technologies:</b> AWS, Google Cloud, Ngnix, Docker, Git, SOAP/REST <b>Tools:</b> MATLAB Simulink, SAP, Talend Data Integration, NVivo, SPSS	
<b>WORK EXPERIENCE</b>	<ol style="list-style-type: none"> <li> <b>Intermediate Software Development Engineer, Thundcraft</b> <span style="float: right;">Jan 22- Date</span>  <ul style="list-style-type: none"> <li>➤ Collaborate with teams to define and comprehend functional and technical requirements.</li> <li>➤ Create detailed architecture and design for software components.</li> <li>➤ Software development, testing, and deployment.</li> <li>➤ Take part in and lead code and design reviews.</li> </ul> </li> <li> <b>Junior Software Development Engineer, Thundcraft</b> <span style="float: right;">3 Jan 19- Dec 21</span>  <i>Harare, Zimbabwe</i>  <i>As part of a team, I am responsible for:</i> <ul style="list-style-type: none"> <li>➤ Gathering, analyzing, and refining user specifications and requirements for system integration and other development projects thus delivering user-oriented systems,</li> <li>➤ Developing, expanding and maintaining networks, hardware, software, and integrated systems including user interface, report, and database updates thereby raising customer retention and customer satisfaction by 25% and 38% respectively,</li> <li>➤ Develop cost and weight improvement actions by assessing systems design or upgrade costs,</li> <li>➤ Advocating for compatible and bug-free systems by testing and implementing computer systems,</li> <li>➤ Configuration management using PTC Integrity Life Cycle Manager,</li> <li>➤ Knowledge of system design methods and modelling tools like MATLAB Simulink,</li> <li>➤ Preparing and presenting studies to peers and management for knowledge transfer,</li> <li>➤ Overseeing and implementing backup solutions for systems,</li> </ul> </li> </ol>	

- Creating highly integrated front-end and back-end functionalities thus driving full-stack development for 100% of client projects,
- Investigating problem areas and liaising with colleagues to implement technical designs,
- Investigating and using new technologies where relevant,
- Facilitating the adoption of agile development thus slashing lead times by 20%,
- Writing reports to the senior developer and learning advanced project management skills,
- Supporting and sometimes developing business application integrations and queries in both a Windows and LAMP environment using MS SQL Server, MS Integration Services, MySQL, and PHP,
- Integrating with payment gateways like Ecocash, Payfast, and PayPal to support e-commerce,
- Administering and supporting the installation, implementation, integration, and use of pre-packaged business systems software solutions,
- Consistently creating and updating system documentation to keep our support references current,
- Seeking out and implementing continuous improvement opportunities related to production support, source control, and change management processes.

### **3. Part-Time Volunteer Software Engineer, SolidarMed**

*Jul 2018 to Date*

*Masvingo, Zimbabwe.*

I am partnering with SolidarMed, an NGO that partners with the Ministry of Health, Zimbabwe, in delivering access to basic health care for all, in developing e-health systems freely. I work during weekends and free times upon call thus helping my community with software solutions.

*As part of team I:*

- Managed to gather systems' user requirements carefully,
- Successfully analyzed, designed, developed, and deployed user-oriented, acceptable and under-budget software timeously, for example, INYASHA (web and mobile-based) software (used to manage HIV/AIDS patients under Ministry of Health and Child Care, Zimbabwe) through which a reduction of 60% patient absenteeism from medical appointments was registered thereby increasing life span,
- Designed and developed accepted prototypes for electricity and water usage monitoring systems at hospitals by use of Internet of Things technologies to reduce hospital bills,
- Managed to introspect eHealth software from companies like Total IT among others, critiquing them for improvement to enhance health service delivery for all people,
- Convinced users to provide feedback and evaluated user feedback for systems improvement,
- Managed to do documentation of systems for easy maintainability,
- Launched user training for high system usability,
- Provided written knowledge transfer material.

### **4. Freelance Software Engineer**

*Jan 2018 - Date*

I designed, developed, deployed, documented, and maintained static and dynamic websites. Preview and links available on my portfolio: <https://tagutaj.github.io/>  
*Major projects include*

	<ul style="list-style-type: none"> <li>➤ Water-Energy-Food nexus tool</li> <li>➤ Online Shops, Advertising websites</li> <li>➤ Orphan Administration System: for the management of orphans for the Zimbabwe Republic Police Chaplaincy thus promoting transparency,</li> <li>➤ Docket Compiling and Processing System: for docket management with a trail to curb corruption and reduce paper usage for Zimbabwe Republic Police.</li> <li>➤ Crowd Farming Platform: for raising capital to finance farmers.</li> </ul> <p><b>5. Tutor, Cape Town Tutors</b> <span style="float: right;">2020- Date</span>  Cape Town, South Africa</p> <ul style="list-style-type: none"> <li>➤ Python and Java programming languages up to the university level,</li> <li>➤ Computer Science, Mathematics up to Cambridge A-Level,</li> </ul> <p><b>6. Information Technology Lecturer, Zimbabwe Republic Police</b> <span style="float: right;">2017-2018</span>  Masvingo Open Learning Centre, Zimbabwe.</p> <p>As part of team I:</p> <ul style="list-style-type: none"> <li>➤ Managed to train 800+ out of approximately 3200 ZRP members stationed in Masvingo Province.</li> <li>➤ Improved training content on taught modules including Cybersecurity to enhance investigative knowledge of cybercrimes.</li> <li>➤ Compiled detailed training reports.</li> </ul>	
<b>ADDITIONAL ACTIVITIES</b>	Presented on Internet of Things at SolidarMed Hackathon in Masvingo, Zimbabwe, 2020.	
<b>HONOURS AND AWARDS</b>	<ul style="list-style-type: none"> <li>➤ Masters in Information Systems University Book Prize,</li> <li>➤ An Associate Member of The Institute of IT Professionals South Africa (IITPSA) since 2021,</li> <li>➤ An IITPSA Gauteng Committee Member since 2021,</li> <li>➤ Google Africa Developer Scholarship Program in 2020</li> </ul>	
<b>OTHER SKILLS</b>	Networking	Leadership
	Software troubleshooting and debugging large codebase	Execution
	Integration	Strategic Ability
	Data structures and algorithms	Partnership and relationship building
	Graphic Design	Information Analysis
<b>REFERENCES</b>	<b>Mr Shelton Chiuswa</b> Chief Executive Officer, Thundrcraft, Harare, Zimbabwe <a href="mailto:schiuswa@thundrcraft.co.zw">schiuswa@thundrcraft.co.zw</a> +263 77 122 2823	<b>PhD Ronald Manhibi</b> Project Manager eHealth, SolidarMed, Masvingo, Zimbabwe <a href="mailto:r.manhibi@solidarmed.ch">r.manhibi@solidarmed.ch</a> +263 77 255 0389
	<b>Mr Akim Munthali</b> Chairperson, Gary Magadzire School of Mathematics and Computer Science, Great Zimbabwe University, Zimbabwe <a href="mailto:amunthali@gzu.ac.zw">amunthali@gzu.ac.zw</a> +263 77 293 6474	