

# Jeremiah Taguta

## BSc (Hons) in Computer Science

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<b>PERSONAL STATEMENT</b>	An ambitious and ever-learning IT Professional with 2+ years experience in systems architecture, design and development who is passionate about solving real world problems.	
<b>EDUCATION</b>	BSc. (Hons), Computer Science	2016-2018
	Master of Commerce in Information Systems	2021-
	<b>Great Zimbabwe University, Masvingo, Zimbabwe</b>	
	Certificate in Introduction to Cybersecurity	2019
	Certificate in Introduction to Internet of Things	2020
<b>TECHNICAL SKILLS</b>	<b>Cisco Networking Academy</b>	
	Google Cloud	2021
	<b>Google Developers</b>	
	<b>Database Operation:</b> Microsoft Office Access, MySQL, NoSQL, PostgreSQL	
	<b>Programming:</b> , Python, JavaScript, PHP, Java, C, C++, SQL, HTML5, CSS	
<b>WORK EXPERIENCE</b>	<b>Frameworks:</b> Django, ReactJS, Bootstrap	
	<b>Technologies:</b> AWS (EC2, Route 53, Lightsail, Load Balancer), Ngnix, Docker, Git, SOAP/REST	
	<b>Tools:</b> MATLAB Simulink, SAP, Talend Data Integration	
	<b>1. Junior Software Development Engineer, Thundcraft Harare, Zimbabwe</b>	<b>3 Jan 19 to Date</b>

As part of a team, I am responsible for:

- Gathering, analyzing and refining user specifications and requirements for system integration and other development projects thus delivering user-oriented systems,
- 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,
- Develop cost and weight improvement actions by assessing systems design or upgrade costs,
- Advocating for compatible and bug-free systems by testing and implementing

computer systems,

- Configuration management using PTC Integrity Life Cycle Manager,
- Knowledge of system design methods and modeling tools like MATLAB Simulink,
- Preparing and presenting studies to peers and management for knowledge transfer,
- Overseeing and implementing backup solutions for systems,
- 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 adoption of agile development thus slashing lead times by 20%,
- Writing reports to senior developer and learnt 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.

**2. Part Time Volunteer Software Engineer, SolidarMed                      Jul 2018 to Date  
Masvingo, Zimbabwe.**

I am partnering with SolidarMed, an NGO which 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 a team I:

- Managed to gather systems' user requirements carefully,
- Successfully analyzed, designed, developed, 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.

### **3. Freelance Software Engineer**

**Jan 2018-Date**

I documented, designed, developed, deployed, and maintained the following web-based systems:

- Home Improvement: An advertising site to improve customer visibility,
- Pure Essence Products Online Shop: - promotes 27/7 shopping presence capable of increasing sales by 30% for Pure Essence Products,
- GraceTalk Web Platform: - a devotional daily promoting spiritual growth of visitors for GraceTalk Devotionals,
- Portfolio :- personal portfolio for advertising,
- Advance Genuine Agency: - an advertising to boost customer visibility,
- Orphan Administration System: - enhances management of orphans for the Zimbabwe Republic Police Chaplaincy thus promoting transparency,
- Docket Compiling and Processing System: - promotes dockets supervision, transfer, availability, security and recovery while curbing corruption and reducing paper usage for Zimbabwe Republic Police.

#### **ADDITIONAL ACTIVITIES**

Presented on Internet of Things at SolidarMed Hackathon in Masvingo, Zimbabwe, 2020.

#### **Honors and Awards**

- A member of The Institute of IT Professionals South Africa (IITPSA) since 2021,
- An IITPSA Gauteng Committee Member since 2021,
- Google Africa Developer Scholarship Program in 2020

**OTHER  
SKILLS**

Networking	Information Analysis
Software troubleshooting and debugging large codebase	Execution
Integration	Leadership
Data structures and algorithms	Strategic Ability
Graphics design	Partnership and relationship building

**REFERENCES**

**Mr. Shelton Chiuswa** Chief  
Executive Officer, Thundrcraft,  
Harare, Zimbabwe

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**Mr. Akim Munthali**  
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