Jeremiah Taguta

BSc (Hons) in Computer Science

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PERSONAL STATEMENT	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.
EDUCATION	**BSc. (Hons), Computer Science** 2016-2018 **Master of Commerce in Information Systems** 2021-July 2022 (Research in IoT in irrigation) *Great Zimbabwe University, Masvingo, Zimbabwe* **Certificate in Introduction to Cybersecurity** 2019 **Certificate in Introduction to Internet of Things** 2020 *Cisco Networking Academy* **Google Cloud** 2021 *Google Developers*
TECHNICAL SKILLS	**Database Operation**: Microsoft Office Access, MySQL, NoSQL, PostgreSQL **Programming:** Python, JavaScript, PHP, Java, C, C++, SQL, HTML5, CSS **Frameworks:** Django, ReactJS, Bootstrap **Technologies:** AWS, Google Cloud, Ngnix, Docker, Git, SOAP/REST **Tools:** MATLAB Simulink, SAP, Talend Data Integration, Word, Excel, PowerPoint
WORK EXPERIENCE	1. **Software Development Engineer, Thundcraft** 3 Jan 19 to Date *Harare, Zimbabwe* *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 modelling 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 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.

2. **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.

3. 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
- Online Shops, Advertising websites
- Orphan Administration System: for the management of orphans for the Zimbabwe Republic Police Chaplaincy thus promoting transparency,

	➤ Docket Compiling and Processing System: for docket management with a trail to curb corruption and reduce paper usage for Zimbabwe Republic Police. ➤ Crowd Farming Platform: for raising capital to finance farmers. **4. Tutor, Valley Tutor Centre, and Cape Town Tutors** *2020- Date* *Cape Town, South Africa* ➤ Python and Java programming languages up to the university level, ➤ Computer Science, Mathematics up to Cambridge A-Level, **5. Information Technology Lecturer, Zimbabwe Republic Police** *2017-2018* *Masvingo Open Learning Centre, Zimbabwe.* *As part of team I:* ➤ Managed to train 800+ out of approximately 3200 ZRP members stationed in Masvingo Province. ➤ Improved training content on taught modules including Cybersecurity to enhance investigative knowledge of cybercrimes. ➤ Compiled detailed training reports.
ADDITIONAL ACTIVITIES	Presented on Internet of Things at SolidarMed Hackathon in Masvingo, Zimbabwe, 2020.
HONOURS AND AWARDS	➤ An Associate 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	Leadership
	Software troubleshooting and debugging large codebase	Execution
	Integration	Strategic Ability
	Data structures and algorithms	Partnership and relationship building
	Graphic Design	Information Analysis

REFERENCES	**Mr Shelton Chiuswa** Chief Executive Officer, Thundrcraft, Harare, Zimbabwe schiuswa@thundrcraft.co.zw +263 77 122 2823	**PhD Ronald Manhibi** Project Manager eHealth, SolidarMed, Masvingo, Zimbabwe r.manhibi@solidarmed.ch +263 77 255 0389
	Mr Akim Munthali Chairperson, Gary Magadzire School of Mathematics and Computer Science, Great Zimbabwe University, Zimbabwe amunthali@gzu.ac.zw +263 77 293 6474	**Mr John Chiwanza** Senior Tutor, Valley Tutor Centre Cape Town, South Africa chiwanzaj@gmail.com +27 61 193 5161