

Jeremiah Taguta

BSc (Hons) in Computer Science

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PERSONAL STATEMENT 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.

EDUCATION **BSc. (Hons), Computer Science**, Degree Class: **2.1**, **2016-2018**
Great Zimbabwe University, Masvingo, Zimbabwe

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 (EC2, Route 53, Lightsail, Load Balancer), Nginx, Docker, Git, SOAP/REST
Tools: MATLAB Simulink, SAP, Talend Data Integration

WORK EXPERIENCE **1. Junior 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, softwares 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 Masvingo, Zimbabwe.

Jul 2018 to Date

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 softwares 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 softwares 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.

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
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