

Jeremiah Taguta

BSc (Hons) in Computer Science

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PERSONAL STATEMENT

An ambitious and ever-learning Computer Scientist with 2+ and 1+ years of software engineering and system administration experience respectively. At SolidarMed, increased patient appointment turnup by 60%. At Remmtekk Technologies, boosted customer retention and satisfaction by 25% and 38%, respectively. Commended 3x by manager for efficiency. At Youfarm, developed system raised hundreds of thousands of Rands.

WORK

Jun 2020 to date

EXPERIENCE 1. Software Engineer, YouFarm Africa

As part of a team, I am responsible for:

- Backend and frontend design, development, deployment and maintenance of web-based YouFarm Crowd Farming Platform which has increased capital inflow by 70% to finance agriculture.

Jan 2019 to Jun 2020

2. Junior Software Engineer, Remmtekk Technologies

As part of a team I:

- Wrote well designed, testable, efficient code by using best software development practices.
- Created highly integrated front-end and back-end functionalities thus driving full-stack web development for 100% of client projects.
- Gathered and refined specifications and requirements based on technical needs
- Created and maintained software documentation.
- Maintained, expanded, and scaled software applications and web sites thereby raising customer retention and customer satisfaction by 25% and 38% respectively.
- Facilitated adoption of Agile development across 3 development teams.
- Increased employee buy-in for the program by 40%.
- Slashed lead times 20% and data storage inventory 25%.
- Wrote reports to senior developer and learnt advanced project management skills.

Jul 2018 to Date

3. Part-Time Volunteer Software Engineer, SolidarMed

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.

Jan 2018-Date

4. Freelance Software Engineer

Individually, I did documentation, designing, development, deployment and maintenance of the following web-based softwares:

- a. **Pure Essence Products Online Shop**: - promotes 27/7 shopping presence capable of increasing sales by 30% for Pure Essence Products.
- b. **GraceTalk Web Platform**: - a devotional dais promoting spiritual growth of visitors for GraceTalk Devotionals.
- c. **Portfolio** :- personal portfolio for advertising.
- d. **Advance Genuine Agency**: - an advertising platform capable of increasing sales by 20% for Advance Genuine Agency.
- e. **Orphan Administration System**: - enhances management of orphans for the Zimbabwe Republic Police Chaplaincy thus promoting transparency.
- f. **Docket Compiling and Processing System**: - promotes dockets supervision, transfer, availability, security and recovery while curbing corruption and reducing paper usage for Zimbabwe Republic Police.

Jan 2018 to Oct 2018

5. Systems Administrator Intern, Zimbabwe Republic Police

As part of a team I:

- Managed to connect several police stations on the internet through high standard networking practices.
- Managed network servers and technology tools thus achieved 99.99% uptime.
- Installed software, configured and maintained computer hardware.
- Monitored the system daily and responded immediately to security or usability concerns hence promoting a secure and usable system.
- Recovered all data through timeously creating and verifying backups.
- Improved system usage by responding well to and resolving help desk requests.
- Upgraded systems and processes as required for enhanced functionality and security issue resolution.
- Managed to secure administrative infrastructure through deploying physical security among other ways.
- Monitored system performance and wrote reports used for an informed system maintenance and optimization.

Additional Activities

- Gave presentation on Internet of Things at SolidarMed hackathon in Masvingo, Zimbabwe, 2020.
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EDUCATION

2016 to 2018

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

Jun 2019

Certificate of Completion on Introduction to Cybersecurity,
Cisco Networking Academy

Jan 2020

Certificate of Completion on Introduction to Internet of Things,
Cisco Networking Academy

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.

REFERENCES

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