

Farirai Masocha |Rising Software Developer

Location: **9410 Unidale, Hatcliffe, Harare**

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Professional Profile

Farirai is a highly motivated, disciplined and practical-oriented emerging Computer Scientist who shares a strong belief that integrating computer technologies with science offers a promising way to solve diverse problems affecting society. Despite only being in his third year studying for a BSc Honours Computer Science degree, Farirai has co-invented a digital intelligent system to curb stock theft and monitor livestock health in real time. He has since applied for a patent for this invention and received first page coverage in the country's leading daily newspaper. Currently a Huawei technologies seed for the future student 2022 to 2023.

Buisness Profile

GitHub Portfolio: <https://github.com/fariraimasocha>

Website Portfolio: [fariraimasocha](https://fariraimasocha.com)

LinkedIn Profile: <https://linkedin.com/fariraimasocha>

Core Skills

- System Development
- Database Design and Development
- Python Programming
- Web Programming
- PHP Laravel – Web Applications
- Internet of Things (IoT)
- Vue js
- Flutter

Achievements

1. **Co-inventor and senior developer of Livestock Antitheft and Monitoring System**
<https://www.herald.co.zw/student-develops-anti-stock-theft-app/>
2. **Winner of the 2022 University of Zimbabwe Research Week Best Innovation Award**
3. **Huawei Technologies seed for the future student 2022 to 2023**
4. **The only 3rd year student to present a fully functional livestock antitheft system at the 2022 Harare Agricultural show**

Education and Qualifications

International Certificates

1. **27/7/2021 Programming Essentials in Python, Python Institute**
https://drive.google.com/file/d/1McCOMuT_6XUEBfwkIG7A5cwBb_lJrX23/view?usp=sharing

2. 13/8/2021: IT Essentials, CISCO Networking Academy

https://drive.google.com/file/d/1Kx4B5rsMYV-Cc5f_6IjtAWw_FqHtNm97/view

Experience

Software Developer, Metbank (June 2022 - Present)

- Collaborate with cross-functional teams to design, develop, and implement software solutions for the banking industry.
- Utilize programming languages such as Laravel, Python, and SQL to create efficient and scalable applications.
- Participate in code reviews and testing to ensure high-quality deliverables.
- Work closely with project managers to meet project deadlines and milestones.
- Continuously learn new technologies and techniques to improve development processes.
- Successfully delivered multiple projects including a mobile banking application and an online loan application system.

References

1. Mr B. Mapako

Chairman, Department of Computer Science

Faculty of Computer Engineering Informatics and Communications

University of Zimbabwe

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2. Ms Viola Jowa, Lecturer

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3. Mr Michael Munyaradzi Lecturer

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