

# Tatenda Mushayakarara

CYBERSECURITY ENGINEER · SOFTWARE ENGINEER

32 4<sup>th</sup> Crescent Warren Park 1, Harare, Zimbabwe

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## Summary

I have 2+ years of experience in software engineering as a full stack developer on python and javascript. I also have 1+ years of experience in cybersecurity and audit. I am interested in cybersecurity, devops or software engineering aligned positions that offer opportunities to utilize my skills whilst learning new technologies and tools.

## Work Experience

### Zimbabwe Electricity Transmission and Distribution Company

Mutare, Zimbabwe

SOFTWARE DEVELOPER, DEVOPS ENGINEER

Jan. 2021 – Oct 2021

- Designed and developed Django microservices.
- Developed REST API's with Django.
- Developed React-Native mobile applications consuming API's.
- Building CI/CD processes for application deployment.
- Architecting and building infrastructure and tooling across web and mobile development.

### Capesso

Harare, Zimbabwe

INFRASTRUCTURE ENGINEER, SOFTWARE DEVELOPER, BUSINESS ANALYST

Jan. 2020 – Dec. 2020

- Managed oracle cloud infrastructure – Oracle Cloud Infrastructure.
  - Monitoring and optimizing cloud services.
  - Automating infrastructure migration to cloud environments.
  - Implementing cloud governance, build, deployment and monitoring standards for clients.
- Implemented Oracle Financial Services Analytical Applications Liquidity Risk Management (OFSAA-LRM) at CABS
- Implemented Model Calibration for OFSAA-IFRS9
- Business consultant for ERP solutions - NetSuite, Microsoft Dynamics Nav, Odoo.
- Developed Odoo Paynow module.
- Developed Etoni e-commerce website and mobile apps (Play store & App store)

### Zimbabwe Electricity Transmission and Distribution Company

Mutare, Zimbabwe

INTERN

Jan. 2019 – Aug 2019

- System support.
- Setup and deployed a LAN GitLab server.

### Telco

Harare, Zimbabwe

INTERN

Aug. 2018 – Dec 20

- Implemented vehicle tracking system with Mikrotik for tracking, php backend and open street map.
- Customized Odoo modules using python and javascript.
- Networking.

### Zimbabwe Centre for High Performance Computing

Harare, Zimbabwe

INTERN

Mar. 2018 – Jul 2018

- Artificial Intelligence and Machine Learning Research.

## Education

### Harare Institute of Technology

BTECH (HONS) INFORMATION SECURITY AND ASSURANCE

Harare, Zimbabwe

2016 – 2020

- Grade First Class Honours Degree

## Certifications

### Oracle BI Foundation Suite 11g Solution Engineer Specialist

USA

ORACLE

2020

### Java Course

Zimbabwe/ USA

MUZINDA HUB/TREEHOUSE

2015 – 2016

### Ubuntu Business Certificate

Zimbabwe/ USA

MUZINDA HUB/TREEHOUSE

2015 – 2016

## Honours & Awards

- Awarded Degree with Distinction.
- Awarded the Vice Chancellor's Price for the Best Graduating Student in Information Security and Assurance.
- Awarded the HIT Book Prize for the Best Capstone Design Project.
- Awarded the HIT Book Prize for the Best Graduating Student in Technopreneurship.

## Projects

### Capstone Design Project Blockchain Land Registry System

Harare, Zimbabwe

Source code: [www.github.com/tatmush/Blockchain-Land-Registry](https://www.github.com/tatmush/Blockchain-Land-Registry)

Demo video: [shorturl.at/vEIM9](https://shorturl.at/vEIM9)

A land registry system that harnesses the properties of Ethereum blockchain and solidity language. Land is issued as a non-fungible ERC721 token on the blockchain. Ownership transference is recorded on the blockchain. A django server provides metadata for the system.

### HIT 200 Secure Email System

Harare, Zimbabwe

Source code: [www.github.com/evermoreg/digitalFile](https://www.github.com/evermoreg/digitalFile)

A secure email system using hybrid cryptography (AES + RSA) built with Hybrid Crypto JS and a Flask web framework backend.

### Hesi yaNoku

Harare, Zimbabwe

Demo video: <https://youtu.be/S8KBK--Alcs>

An implementation of artificial intelligence face recognition model to recognize faces in a popular drama Wadiwa Wepamoyo characters.

### Tomato Leaf Disease Detection using AI Model

Harare, Zimbabwe

Source Code: <https://github.com/tatmush/tomato-leaf-disease-detection>

An implementation of a deep learning model to diagnose tomato diseases from leaves.

## Program Committees

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President Cybercrypts

*Harare, Zimbabwe*

*2019 – 2020*

## References

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AVAILABLE UPON REQUEST