PANASHE M CHANDIWANA

Aspiring Computer Engineer | Full-stack Developer

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PROFESSIONAL SUMMARY

Detail Oriented Full-stack Developer and Computer Engineer with strong foundation in hardware maintenance and network administration. Experienced in developing scalable web applications and managing IT infrastructure. Seeking to leverage technical skills in a fast-paced software engineering or systems development role.

WORK EXPERIENCE

IT Intern

Info-Product Technologies, Harare, Zim **October 2024 – May 2025**

- Network Administration
- IT Support
- Hardware Maintanence

BAK LOGISTICS

BAK Logistics, Harare **December 2020– July 2021**

- Unilever products delivery at Supermarkets
- Warehouse House Keeping
- Data Capturing

EDUCATION

Bachelor of Science Hon Degree in Computer Engineering (CUT) August 2021-June 2026

3 A level Passes (Warren Park High School) 2019-2020

9 O level Passes (Warren Park High School) 2015-2018

TECHNICAL SKILLS

- Languages & Frameworks: Python, C, JS, FastAPI,Flask, React, Next.js
- Frontend: React, Next.js, Tailwind, CSS, HTML5
- Backend: Python, FastApi, Flask, Postgress, Sqlite
- Tools: Git/Github, Docker, VsCode
- ML and AI: Roboflow, Opencv, TF, NN, CV, NLP
- IT & Infrastructure: Hardware maintenance, Troubleshooting

PROJECTS

1. Harare City Council Billboards Management System

An ongoing group project which is meant to revolutionize revenue collection on every billboard in Harare and reduce slow processes of bookings by eliminating manual paperwork and also to deal with public detrust through elimination of illegal structures and an outcome dashboard showcasing which billboard is paid/illegal.

The project is developed using Reacr19, Vite, Tailwind, Fastapi, JWT Auth.

Skills demonstrated: Full-Stack development, database design and management, responsive UI, API intergration

2. AI Face Powered System

Is a Biometric authentication system with liveness detection and anti-spoofing capabilities using deep learning models. This is a security based project designed for the purpose of granting or denying physical or digital access using two main features: Identity verification(face recognition) and Liveness detection (anti-spoofing).

This project is developed using Deep learning models for face recognition and liveness detection for anti-spoofing mechanisms to prevent bypass using printed photos or videos and is applicable in many real world examples such as Gate Entrance.

Tech-stack: Python, FastAPI, sqlite, OpenCV, Face Recognition libraries, Liveness detection models and face embeddings, sleek frontend build using Next.js

Skills Demonstrated: automated data collection, preprocessing and augmentation, application intergration,

3. Personal Portifolio

Designed and deployed using Next.js, Tailwind and Vercel to showcase more personal information, such as Projects with live demos and source (github links), Skills, Contact details and social platforms links.

COMMUNITY AND ARCHIEVEMENTS

- A member of Computer Society of Zimbabwe (January 2026-present)
- Student Representative Assembly school of Engineering (2024)
- Secretary General Methodist Church on Campus (2025-2026)

LANGUAGES

- English
- Shona