



**NTSAKO CASEY
NGOBENI**

ABOUT ME

I am an ICT student specializing in intelligent industrial systems, with a strong software development background. Proficient in Python, Java script , and C++, I have expertise in process automation, data analytics, and HMI development. Detail-oriented, proactive, and collaborative, I bring strong problem-solving skills and a passion for optimizing industrial processes through intelligent software solutions.

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PROGRAMMING LANGUAGE



EXPERTISE

- Backend developer
- Search Engine Optimization
- 3d modeling
- HTML and CSS
- Robotics
- Game Developer
- Web developer
- App developer
- Photoshop
- 3D Printing
- Content Creation

SKILLS SUMMARY



Thapelo Mahlaule
Manager, Ferro Digital Studio
Cell: 081 872 6059

Jay Nkuna
Manager, Cystal Clear
Cell: 076 017 3951

EXPERIENCE

Ferro Digital Studio 2021 - 2022

I was interning for Software developer for my work integrated learning and was specializing in unity building a learning mobile app that uses augmented and virtual reality and got more experienced in backend php.

- Unity c#
- Creating and managing the Database
- Creating APIs
- 3d Modelling

Freelancing at Signs4sa Jan 2023 - May 2023

I've been freelancing for a company called Signs4sa and that's where i gained a lot of experience in building, maintaining ranking and optimizing a websites.

- Web development (HTML, css, php and Laravel)
- Creating and managing the Database
- Search Engine Optimization
- Server and communication Support

Service Provider at Crystal Clear May 2023 - November 2024

I have been providing service to crystal clear where i was tasked to create websites and also drive traffic

- Web development (HTML, css, php)
- Creating and managing the Database
- Search Engine Optimization
- Server and communication Support

Worked on personal projects June 2023 - Now

I've worked on a delivery system called SBWL eats using html css, Javascript and php for backend and optimized for mobile which led me into learning expo react native to build the app for android and ios. I also learned how to integrate payment system and making the app function in real-time was a challenge but well enjoyed.

EDUCATION

Tshwane University Of Technology
Diploma in Information Technology
Specialized in Intelligent Industrial System
2018-2023

- *Learned C++, algorithm and Database
- *HTML
- *Robotics and AI (RaspberryPi, arduino and plc, etc)
- *Games Programming
- *Cisco
- *Electronics

Phumelela Consulting
3d Printing short course
2022-2023

- *3d Printing
- *Introduction to lot
- *Robotics and AI
- *3d Modelling
- *Cisco

LINKS TO PROJECT

Personal side projects
www.sbwlsomethin.co.za
www.utopianextech.co.za

Other Web project links
www.pylonsigns.co.za
www.wibogroup.co.za