

VUSANI MATSIGILA

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GitHub: github.com/Vusani-jpg | Portfolio: <https://vusani-jpg.github.io/Vusani-portfolio/>

PROFESSIONAL PROFILE

Motivated and detail-oriented Software Developer with strong foundational skills in web development, software engineering principles, and agile methodologies. Currently gaining hands-on experience as an intern at Ovalleaf since January 2025, contributing to real-world development projects. Equipped with a background in Mechanical Engineering and transitioning into the software space with a passion for building scalable, user-friendly applications using modern technologies such as React, Next.js, and Python.

EDUCATION

Cape Peninsula University of Technology
National Diploma in Mechanical Engineering
2020 – 2024

TECHNICAL SKILLS

- Programming Languages: HTML, CSS, JavaScript, TypeScript, Python
- Frameworks & Libraries: React, Next.js, Tailwind CSS
- Tools & Platforms: Git, GitHub, VS Code, Microsoft Office Suite
- Other: Technical Documentation, Agile Practices

PROFESSIONAL EXPERIENCE

Software Developer Intern
Ovalleaf – Johannesburg | Jan 2025 – Present

- Developed and maintained React-based interfaces integrated with RESTful APIs.
- Wrote clean, scalable code using JavaScript and TypeScript.
- Participated in sprint planning, code reviews, and daily stand-ups.
- Implemented responsive UI components using Tailwind CSS.
- Improved accessibility and cross-browser performance.
- Collaborated closely with senior developers and designers on real-world projects.

PROJECTS & TECHNICAL TRAINING

- Built a full-stack portfolio application using React, Node.js, and MongoDB.
- Developed internal tools and dashboards using Next.js and Tailwind CSS.
- Automated PDF generation and data processing using Python scripts.
- Applied mechanical design principles in academic projects involving CAD and ISO drafting standards.
- Developed schematic diagrams and 3D models to communicate design intent.

LANGUAGES

English, Tshivenda, Xitsonga, Setswana, IsiZulu

PROFESSIONAL STRENGTHS

- ✓ Analytical Problem-Solving
- ✓ Collaborative Teamwork
- ✓ Precision & Attention to Detail
- ✓ Technical Communication
- ✓ Adaptive Learning

INTERESTS

Technical Innovations, AI, Design & Drafting, Forex

REFERENCES

Mr. Livhuwani
Founder & CEO, Ovalleaf
Phone: +27 67 222 0162

Additional references available on request.