

TINTSWALO MARIVATE

SYSTEMS DEVELOPMENT | SOFTWARE ENGINEERING

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PROFILE

A perceptive software engineer with a strong foundation in full-stack development, cloud computing (Azure), and UI/UX design. I bring hands-on experience from real world projects, ranging from educational platforms to AI driven interfaces. With a problem solving mindset and a drive for innovation, I tackle complex challenges with confidence and continuously refine my skills to stay ahead in a fast evolving tech landscape. I believe you're only as good as your last solution, so I continuously refine my skills and stay aligned with evolving technologies.

EDUCATION

3.7 GPA
Distinction

Diploma – Software Engineering
Creative & Technology Universitas

4.0 GPA
Distinction

Systems Development
Creative & Technology Universitas

3.0 GPA
Distinction

National senior Matriculation
Hoerskool Uitsig

EXPERIENCE

KATIBA

SOFTWARE ENGINEERING

- Built and maintained full-stack apps using Python, Django, and React, boosting backend efficiency by 30%.
- Created 10+ RESTful APIs integrated with SQL databases to streamline internal data flow.
- Contributed to Azure-based serverless adoption, reducing infrastructure costs by 20%.

MARIVATE REALTY

FRONTEND DEVELOPER

- Developed 30+ responsive web pages with Next.js and Tailwind CSS, cutting load times by 50%.
- Integrated 15+ UI components with backend APIs, improving functionality and user flow.
- Improved SEO performance, increasing site traffic by 35% in under 3 months.

KEY PROJECTS & ACHIEVMENTS

REAL ESTATE WEB APP

Showcased 30+ property listings with integrated search and filtering.

MERN Stack

CTU BUDDY EDUCATIONAL SYSTEM

Developed platform for accessing academic resources and discussion forums.

PHP, HTML, CSS, SQL, JavaScript

EYE TRACKING CURSOR

Built an AI-driven interface using OpenCV and Mediapipe to control the cursor via eye movements.

Python, PyAutoGUI, OpenCV, Mediapipe

SKILLS & COMPETENCIES

Programming Languages:	Python, JavaScript (ES6+), TypeScript, SQL, PHP
Frontend:	React.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS, Framer Motion
Backend:	Node.js, Django, Flask
Databases:	MongoDB, PostgreSQL, MySQL, SQL Server, Supabase
DevOps & Cloud:	Azure, AWS (Learning), Serverless (Azure Functions, Logic Apps)
APIs & Tools:	RESTful APIs, GraphQL, Resend (Email API), Git, GitHub
Testing & CMS:	Jest, Strapi, WordPress
SEO & Performance:	On/Off-page SEO, Web Performance Optimization, Keyword Research

CERTIFICATIONS

Pearson VUE	IT Specialist JavaScript
Pearson VUE	IT Specialist HTML & CSS
Microsoft	Azure Data Fundamentals
Microsoft	Developing Solutions for Microsoft Azure
Microsoft	Implement Secure Azure Solutions
Microsoft	Developing Solutions for Microsoft Azure
Microsoft	Implement API Management
Cisco	Python Essentials 1
FreeCodeCamp	Legacy JavaScript Algorithms & Data Structures
FreeCodeCamp	Responsive Web Design