PRECIOUS MADZIVADONDO

CONTACT

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PROFESSIONAL EXPERIENCE

Web Development& Maintenance | 2023–Present

- Designed, developed, and maintained responsive web applications using React, Next.js, and Django/Flask.
- Built and optimized RESTful APIs for data-driven applications with strong focus on scalability and security.
- Implemented user authentication, including JWT-based and group-based access control systems.
- Developed and integrated front-end components with clean, reusable, and maintainable code.
- Managed database schemas, migrations, and performance optimization using PostgreSQL / SQLite / MySQL..
- Ensured cross-browser compatibility and mobile responsiveness for seamless user experience.
- Collaborated in full-stack development lifecycle — from concept, design, testing, deployment, to maintenance.
- Deployed and maintained web applications on cloud platforms (e.g., Vercel,).
- Wrote clean, documented, and version-controlled code using Git and GitHub/GitLab workflows
- Developed, customized, and maintained WordPress websites with a focus on performance, responsive design, and user-friendly interfaces..

Tutor | 2022–2022

- Conducted one-on-one tutoring sessions in infomatics for students in their first year of studies.
- Assisted students with their weekly practical's (specialising in Java)
- Built strong communication skills to effectively explain complex concepts •Built an ability to create a supportive and motivating learning environment

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EDUCATION

The University of Johannesburg | 2019–2022

Bsc in Computer science and Infomatics

Matric | 2024–2028

Bachelor of Science in Mechanical Engineering

- Sinenjongo high school cape town minerton matriculated from sinenjongo high scool in 2018

CERTIFICATES

University of Johannesburg | 2022

Artificial intelligence certification

University of Johannesburg | 2022

African Insights Certification

SKILLS

Active, Listening, Adaptability ,Communication, Customer ,Service Teamwork ,Organization,

Problem solving

TECHNICAL SKILLS:

Frontend: HTML5, CSS3, JavaScript (ES6+), React, Next.js, TypeScript, , Tailwind CSS,Typescript
Backend: Node.js, Express, Python, Django, REST APIs, GraphQL,Flask
Databases: MongoDB, PostgreSQL, MySQL, Firebase
Tools & DevOps: Git, Docker, Vercel/Netlify, Jest, Cypress
Other: Agile/Scrum, UI/UX principles, Responsive Design, PWA, Web Performance,Wordpress