

PRECIOUS MADZIVADONDO
Software Engineer | Full-Stack Developer
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🔗 Portfolio: <https://my-portfolios-mu.vercel.app/>

PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building production-ready web applications using React, Next.js, TypeScript, and Python. Strong background in full-stack development, including REST APIs, JWT authentication, role-based access control, and database design. Experienced in delivering real-world solutions for businesses and users, including custom WordPress websites and scalable web platforms. Passionate about clean code, performance optimization, and continuous learning.

TECHNICAL SKILLS:

Languages:

JavaScript, TypeScript, Python, HTML5, CSS3, SQL

Frameworks & Libraries:

React, Next.js, Django, Flask, Tailwind CSS

Databases:

PostgreSQL, MySQL, SQLite, MongoDB

Backend & APIs:

REST APIs, JWT Authentication, Role-Based Access Control (RBAC)

Tools & Platforms:

Git, GitHub, WordPress, Vercel, Render, AWS (basic), CI/CD

PROFESSIONAL EXPERIENCE

Software Engineer / Web Developer

Freelance & Contract Work | 2023 – Present

- Designed, developed, and maintained production-ready web applications using React, Next.js, Django, and Flask.
- Built and optimized RESTful APIs with a focus on performance, scalability, and security.
- Implemented JWT-based authentication and role-based access control to protect user data and manage permissions.
- Developed responsive and reusable front-end components with clean, maintainable code.
- Designed and managed database schemas, migrations, and queries using PostgreSQL, MySQL, and SQLite.
- Improved application performance by optimizing API response times, frontend rendering, and database queries.
- Deployed and maintained applications on cloud platforms including Vercel, Render, and AWS.
- Collaborated across the full software development lifecycle: planning, development, testing, deployment, and maintenance.
- Used Git and GitHub for version control, collaboration, and code reviews.

EDUCATION

The University of Johannesburg | 2019–2022

Bsc in Computer science and Infomatics

Matric | 2024–2028

- Sinenjongo high school cape town minerton matriculated from sinenjongo high school 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