Khutso Makunyane

Full Stack Developer & UX UI Designer

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🌐 https://dark-mode-sigma-teal.vercel.app/

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👤 About Me

A versatile Full-Stack Developer and UI/UX Designer with 2+ years of hands-on experience building web applications, dashboards, and digital platforms. Skilled across the full development lifecycle—from user research, UI design, and prototyping to building secure APIs, databases, and production-ready systems. Proficient in modern technologies including React, Node.js, Express, Django, PostgreSQL, MongoDB, TypeScript, and Tailwind CSS. Passionate about crafting clean interfaces, scalable backend systems, and solving real-world problems through technology.
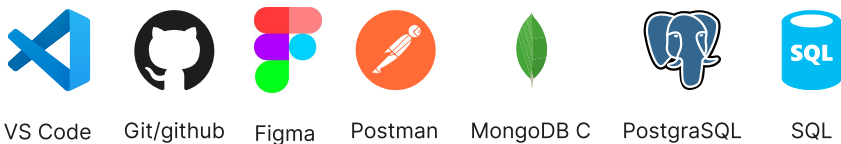
🎓 Edication

- Professional Certificate – Full-Stack MERN Developer, PLP Academy (2025)
- Web Programming with Python & JavaScript – Harvard (edX) (In Progress)
- National Senior Certificate (Matric)

🔧 Technical Skills

- **UI/UX:** Figma · Adobe XD · Wireframing · Prototyping · Design Systems · User Research
- **Frontend:** React.js · JavaScript (ES6+) · TypeScript · HTML5 · CSS3 · Tailwind CSS · Responsive Design
- **Backend:** Node.js · Express.js · Django (Python) · REST APIs · Authentication · Role-Based Access Control
- **Databases:** MongoDB, PostgreSQL, SQL
- **Dev Tools & Deployment:** Git, GitHub, Render, Vercel, Supabase, Docker
- **Testing:** Jest · Supertest · Postman
- **Other:** Git · GitHub · Supabase · Docker · Render · Vercel · CI/CD · Socket.io

🛠️ Software Tools

VS Code   Git/github   Figma   Postman   MongoDB C   PostgraSQL   SQL

LANGUAGES:

- English
- Sepedi
- Zulu

🖨️ Work Experience

Front-End Developer & UX Designer

Smart Biz Digital Solutions | Nov 2024 – Apr 2025

- Designed and developed responsive websites for small businesses.
- Built UI components using React and Tailwind CSS.
- Created wireframes, prototypes, and user flows using Figma.
- Improved website accessibility and user experience.

Freelance Full-Stack Developer & UX UI Designer

Self-Employed | Apr 2025 – Present

- Developed full-stack web applications using React, Node.js, Express, Django, TypeScript & JavaScript.
- Designed UI UX mockups, prototypes, and interactions for clients.
- Built and deployed cloud-hosted systems using Render, Vercel, Supabase, MongoDB Atlas & PostgreSQL.
- Worked on custom dashboards, APIs, and optimized database queries.
- Delivered end-to-end products: design → development → testing → deployment.

🛠️ Professional Experience

QueueCare System – Full Stack (React, Node.js, Socket.io)

A full-stack hospital queue and appointment system with:

- Real-time queue tracking
- Role-based dashboards (Admin, Nurse, Patient)
- Notification system using Socket.io
- Secure API with Express.js

WorkSync – Employee Management System

MERN Stack (MongoDB, Express, React, Node)

- Built complete CRUD operations
- Role-based authentication (Admin/Employee)
- Admin dashboards with charts and project tracking
- Notification system + activity logs
- Deployed on Render, Vercel, MongoDB Atlas

FetchMate – React + Django + PostgraSQL

A smart data-fetching utility tool with:

- Django REST API
- React frontend
- Real-time search and filtering
- Authentication & data history storage