

Khutso Makunyane

Full-Stack Web & Mobile Developer | UX UI Designer

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



👤 About Me

A versatile and results-driven Full-Stack Web & Mobile Developer and UX/UI Designer with 2+ years of experience designing, developing, and delivering complete digital solutions — from user research and wireframing to full-stack implementation, API integration, testing, and deployment.

Skilled in React, React Native, Node.js, Express.js, Django, JavaScript, TypeScript, PostgreSQL, MongoDB, REST APIs, and responsive UI design.

I specialize in building user-friendly dashboards, management systems, and data-driven applications. I bring a unique combination of clean design thinking and scalable engineering, allowing me to take a project from idea → design → development → deployment independently.

Passionate about modern technology, problem-solving, and creating software that makes real impact in people's lives.

💼 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

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 frontend on Vercel and backend on Render.

Technical Skills

UI/UX Design

- Figma, Adobe XD
- Wireframing, Prototyping
- User Flows & Journey Mapping
- Component Systems
- Responsive Layouts

Backend Development

- Node.js, Express.js
- Django (Python)
- RESTful APIs
- Authentication & Authorization
- Socket.io (real-time features)

DevOps & Deployment

- Git, GitHub
- Render, Vercel
- Supabase
- CI/CD (basic)

Frontend Development

- HTML5, CSS3, Tailwind CSS
- JavaScript (ES6+), TypeScript
- React.js, React Native
- Mobile-first development

Databases

- PostgreSQL
- MongoDB
- SQL

Technical Strength

- **Tailwind CSS** – Fast, responsive UI styling with reusable utility classes.
- **PostgreSQL** – Strong skills in relational databases, modeling, and efficient queries.
- **TypeScript** – Safer, scalable code for large applications.
- **React + Node** – Building full-stack applications end-to-end.

Education

Professional Certificate – Full-Stack MERN Developer, PLP Academy (2025)

Web Programming with Python & JavaScript – Harvard (edX) (In Progress)

National Senior Certificate (Matric)

Software Tools



VS Code



Git/github



Figma



Postman



MongoDB C



PostgreSQL



SQL