

# KHUTSO MAKUNYANE

Software Developer | Full-Stack | UX & UI Designer

(Junior – Intermediate Level)



South Africa



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

## PROFESSIONAL SUMMARY

I'm A Software Developer With Hands-On Experience Building Full-Stack, Web, Mobile, And Desktop Applications. I Specialize In Creating Scalable And User-Friendly Solutions Using JavaScript, Python, TypeScript, React, Node.Js, And React Native, With A Strong Focus On Clean UI/UX Design. I Am Currently Finalizing My Training In AI & Machine Learning To Further Enhance Intelligent And Innovative Software Development.

## WORK EXPERIENCE

### Web Designer & Web Developer

SmartBiz Digital Solution (2024 - 2025)

- Design And Develop Responsive Websites Using HTML, CSS, JavaScript, React, And Tailwind CSS.
- Create User-Centered UI/UX Designs For Web And Application Projects.
- Develop And Integrate Frontend Components With Backend Services.
- Collaborate With Clients To Translate Business Requirements Into Functional Digital Solutions.
- Maintain And Improve Existing Websites For Performance, Usability, And Responsiveness.

## PROFESSIONAL EXPERIENCE

### Software Developer | Full-Stack Applications

**Projects:** QueueCare | FetchMate | TaskMate | WorkSync | Talkify

- Designed And Developed Full-Stack Applications Using React, React Native, Django, Node.Js, And Express.
- Built Responsive And User-Friendly Interfaces Following UX/UI Best Practices.
- Developed Backend Services And RESTful APIs With Authentication And Role-Based Access.
- Implemented Databases Using PostgreSQL, SQL, MongoDB, And Supabase.
- Created Cross-Platform Mobile Applications Using React Native And Expo.
- Developed Desktop Applications Using Python And Qt / PyQt, Including Talkify — A Text-To-Speech Application Using Pytsx3 And Packaged With Inno Setup For Windows Distribution.
- Deployed Applications Using Vercel And Render With CI/CD Pipelines
- Managed Source Code Using Git And GitHub In Collaborative Environments.

## TECHNICAL SKILLS

### Programming Languages:

Python, JavaScript, TypeScript, SQL

### Frontend Development:

React.Js, React Native, HTML5, CSS3, Tailwind CSS, Responsive Design, UX/UI Principles

### Mobile Development:

React Native, Expo

## **Backend Development:**

Django, Node.Js, Express.Js, RESTful APIs, FastAPI.

## **Desktop Development:**

Python Desktop Applications, Qt Designer, PyQt

## **Databases:**

PostgreSQL, SQL, MongoDB, Supabase

## **UX & UI Design:**

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

## **DevOps & Deployment:**

Git, GitHub, CI/CD, Vercel, Render

## **EDUCATION & CERTIFICATIONS**

### **National Senior Certificate (Grade 12)**

Vlakfontein Secondary School (2020)

### **Full-Stack MEAN Development (Certificate)**

**Power Learn Project (PLP Academy):** Awarded A Competitive Scholarship Covering Full-Stack MEAN Development, UX/UI Design, Problem-Solving, And Collaborative Software Projects.

### **Software Engineering With Python (Certificate)**

**Udemy:** Completed Training In Python Programming, Django Backend Development, Qt / PyQt Desktop Applications, And Object-Oriented Software Engineering.