

Makekamba Vhutali

341 Makekamba, Masia, 0944 | 📞 +27 72 947 3009 | ✉ makekembav@gmail.com

🔗 GitHub: github.com/makekamba-cloud | 🔗 LinkedIn: linkedin.com/in/makekamba-vhutali |

🌐 Portfolio: makekembav-portfolio.vercel.app

Professional Summary

Full-Stack Developer with experience building **modern, secure, and performant web applications**. Skilled across the entire stack, with a strong foundation in **cybersecurity, data analysis, cloud deployment, and project management**. Passionate about delivering **clean, maintainable code** and turning complex problems into **efficient digital solutions**.

Technical Skills

Programming & Web Development: C#, ASP.NET Core, React.js, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, REST APIs

Database & Backend: SQL Server, PostgreSQL (Supabase), Database Design, ERD, Query Optimization

Cloud & Deployment: Supabase, Vercel, Netlify, Git & GitHub, Azure DevOps, IIS (Microsoft)

Cybersecurity & Ethical Testing: Penetration testing fundamentals, SQL Injection & MITM awareness, Authentication & RBAC

Data Analysis: Python (Pandas, NumPy), Jupyter Notebook, Data Cleaning, EDA, SQL queries & reporting

Project Management & Tools: Agile/Scrum, SDLC planning, risk management, documentation, Visual Studio, VS Code, Postman, Sentry

Education

Advanced Diploma in Information Technology | Nelson Mandela University | 2025

Diploma in Information Technology | Nelson Mandela University | 2022–2024

National Senior Certificate | Ramauba Secondary School | 2021

Work Experience

Work Integrated Learning (WIL) – Nelson Mandela University | 2022–2025

- Developed **full-stack web applications** using C#, ASP.NET Core, SQL Server
- Built **secure, responsive front-end interfaces** using React.js, Next.js, HTML, CSS, Tailwind
- Designed and optimized **relational databases** and queries
- Implemented **authentication, RBAC, and secure data handling**

- Conducted **data analysis and reporting** using Python (Pandas, NumPy, Jupyter Notebook)
 - Collaborated on **Agile projects**, including testing, debugging, documentation, and risk management
-

Projects

Walk-In Dispensing System | C#, ASP.NET, SQL Server

- Full-stack pharmacy management system with **secure login and role-based access**
- Features: patient management, prescription tracking, real-time updates

Fridge Maintenance Management System | C#, ASP.NET, SQL Server

- Web platform for scheduling and logging fridge maintenance visits
- Features: notifications, reporting, and secure back-end operations

Portfolio Website | Next.js, TypeScript, Tailwind CSS

- Showcases full-stack projects, mini-apps, and **security lab implementations**
 - Highlights modern architecture, deployment, and UI/UX design
 - Live: makekembav-portfolio.vercel.app
-

Additional Information

- Code 10 Driver's License
 - Languages: English, Xitsonga, Tshivenda
 - Strong interest in Cybersecurity & Data Analytics
-

References

- Mamafha Sammie – Former High School Teacher | 📞 +27 79 637 2276
 - Nkhumeleni Ndila – 📞 +27 76 391 2866
-