

Makekemba Vhutali

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🔗 GitHub: github.com/makekemba-cloud | 🔗 LinkedIn:

linkedin.com/in/makekemba-vhutali | 🌐 Portfolio: makekembav-portfolio.vercel.app

Professional Summary

Motivated **Full-Stack Developer and IT graduate** with hands-on experience in developing modern, secure web applications. Skilled in **C#, ASP.NET, SQL, React.js, Node.js, HTML, CSS, JavaScript**, and modern frameworks. Knowledgeable in **cybersecurity fundamentals, penetration testing, and information security principles**, with practical experience in **SQL injection testing, MITM techniques, and vulnerability assessments**. Passionate about delivering **efficient, maintainable digital solutions** and contributing to dynamic IT teams.

Key Skills

Full-Stack Development

- C#, ASP.NET MVC/Core, React.js, Node.js, Entity Framework, Dapper
- HTML, CSS, JavaScript, jQuery, Bootstrap, REST APIs

Cybersecurity & Information Security

- Kali Linux, Aircrack-ng, MITM attacks
- SQL Injection Testing, Vulnerability Scanning
- Network Security, Secure Coding, Information Security Principles

Data Science & Data Analysis

- Python (Pandas, NumPy), Anaconda, Jupyter Notebook
- Data Cleaning, EDA, SQL Queries & Reporting

Tools & Platforms

- Visual Studio, VS Code, SQL Server Management Studio, GitHub, Supabase, Vercel, Netlify, Azure DevOps, IIS
- Sentry, Postman, Kali Linux Security Tools

Soft Skills

- Teamwork, Problem Solving, Leadership, Planning, Communication
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Education

Advanced Diploma in Information Technology | Nelson Mandela University | 2025

- Relevant Coursework: ASP.NET, JavaScript, Project Management, Cybersecurity, Information Security

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

- Relevant Coursework: ASP.NET, C#, Python, SQL Server, Web Development, Data Science

National Senior Certificate (Grade 12) | Ramauba Secondary School | 2021

Work Experience

Work Integrated Learning (WIL) | Nelson Mandela University | 2023–2024

- Developed **full-stack web applications** using C#, ASP.NET, SQL Server
 - Built **responsive front-end interfaces** using HTML, CSS, JavaScript, jQuery, Bootstrap
 - Conducted **data analysis and automation** using Python
 - Participated in **testing, debugging, and troubleshooting** applications
 - Applied **information security practices** for secure coding and controlled testing
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Projects

Walk-In Dispensing System

- Full-stack pharmacy management system (**ASP.NET MVC, SQL Server, JavaScript**)
- Features: patient data management, prescription tracking, secure staff login, role-based access

Fridge Maintenance Management System

- Web platform for **maintenance scheduling and logging**
- Features: notifications, reporting, responsive UI, secure back-end

Security Testing Simulations

- SQL Injection testing, MITM demonstrations, and WiFi security analysis (Aircrack-ng) in controlled labs

Portfolio Website

- Built with **Next.js, TypeScript, Tailwind CSS**
 - Showcases full-stack projects, mini-apps, and security lab experiments
 - Live: makekembav-portfolio.vercel.app
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Languages

- English (Fluent) | Xitsonga (Fluent) | Tshivenda (Fluent)
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References

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