

# MANWATHA WANGA COMFORT

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## PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with a BSc in Computer Science and hands-on experience in .NET, PHP, and WordPress development. Skilled in building scalable web and mobile applications using C#, ASP.NET Core MVC, PHP, and modern CMS platforms. Proven track record of developing data-driven applications with RESTful APIs, real-time features, and automated workflows. Recognized as 2nd Place Overall Top Trainee in the LDIL Internship 2025 and 2nd Place Winner at Limpopo Connection 2024 Hackathon. Passionate about leveraging cloud technologies, machine learning, AI, and automation to solve real-world challenges.

## EDUCATION

### Bachelor of Science in Computer Science and Information Systems

University of Venda | 2024

Relevant Coursework: Software Engineering, Database Systems, Web Development, Data Structures & Algorithms, Object-Oriented Programming, System Analysis & Design, Computer Networks, Information Security

### National Senior Certificate

Nndamuleleni Secondary School | 2019

## ACHIEVEMENTS & RECOGNITION

- 2nd Place Overall Top Trainee – Limpopo Digital Innovation Lab (LDIL) Internship 2024-2025  
Recognized for remarkable dedication, strong performance, and innovation throughout the intensive software development program
- 2nd Place Winner – Limpopo Connection Hackathon 2024  
Developed innovative technology solution under time constraints, demonstrating technical expertise, creativity, and collaborative problem-solving
- Certificate of Competence – Digital Social Innovation for Impact (University of Western Cape, 2025)  
Completed continuing education course in collaboration with Samsung, focusing on technology driven social impact solutions
- Certificate of Competence – Introduction to Multi-Platform Software Development (University of Western Cape, 2025)  
Achieved competence in cross-platform development methodologies, best practices, and modern development frameworks

## CORE COMPETENCIES

### Technical Skills:

- Programming Languages: C#, PHP, Python, JavaScript, HTML5, CSS3, SQL
- Backend Frameworks: .NET Core, ASP.NET Core MVC, ASP.NET Razor Pages, .NET MAUI, Entity Framework, Laravel (PHP)
- CMS & WordPress: WordPress Development, Theme Customization, Plugin Development, WooCommerce, WordPress REST API
- Frontend Technologies: HTML5, CSS3, JavaScript, jQuery, Bootstrap, XAML, Responsive Design
- Web Development: RESTful API Development, Web API, Microservices Architecture, MVC Pattern, MVVM Pattern
- Databases: SQL Server, MySQL, PostgreSQL, SQLite, Firebase Firestore (NoSQL)
- Cloud & DevOps: Azure (deployment & integration), Firebase, CI/CD pipelines, Git/GitHub/GitLab

- Development Tools: Visual Studio 2022, Visual Studio Code, Postman, phpMyAdmin, MySQL Workbench
- Design Patterns: MVVM, MVC, Dependency Injection, Object-Oriented Programming (OOP)
- Testing & Quality: Unit Testing, Debugging, Code Reviews, Performance Optimization, Cross-Browser Testing
- UI/UX Design: Figma, Adobe XD, Responsive Web Design Principles
- Methodologies: Agile/Scrum, Agile SDLC, Version Control Best Practices, Continuous Integration
- Emerging Technologies: Machine Learning, Large Language Models (LLMs), AI-Assisted Development, Automation

#### **Professional Skills:**

- Strong problem-solving and analytical thinking
- Effective team collaboration and cross-functional communication
- Adaptability to new technologies and frameworks
- Innovation-driven mindset with creative solution design
- Time management and ability to work under pressure in remote environments

## **PROFESSIONAL EXPERIENCE**

### **SOFTWARE DEVELOPER | June 2025 – Present**

*ORZOFFLASH (Pty) Ltd* | Remote, South Africa

- Developed and maintained 5+ responsive web applications using ASP.NET Core MVC, ASP.NET Razor Pages, and PHP, improving user experience and application performance
- Built and customized WordPress websites including theme development, plugin integration, and WooCommerce implementations for e-commerce solutions
- Designed and implemented RESTful APIs using both .NET Web API and PHP, enabling seamless integration with third-party services and mobile applications
- Developed custom WordPress plugins and themes using PHP, JavaScript, and MySQL to meet specific client requirements
- Implemented Python scripting for data transformation, ETL processes, and backend automation tasks
- Collaborated with cross-functional teams in Agile/Scrum environment to design, develop, test, and deploy new features on schedule
- Performed database design, optimization, and management using MySQL, SQL Server, and PostgreSQL
- Participated in code reviews, implemented best coding practices, and maintained high quality standards code.
- Troubleshooted and resolved technical issues across .NET, PHP, and WordPress platforms, ensuring 99% uptime
- Explored and integrated Azure cloud deployment strategies and AI-assisted development tools into workflows
- Investigated emerging technologies including Machine Learning, LLMs, and AI-driven automation for future implementation

### **ADVANCED SOFTWARE DEVELOPMENT INTERN | March 2024 – February 2025 (12 Months)**

*University of Limpopo - Limpopo Digital Innovation Lab (LDIL)*

- Completed intensive 12-month training program in multiplatform software development (C#, .NET MAUI, ASP.NET Core)
- Awarded 2nd Place Overall Top Trainee (2025) for outstanding performance, dedication, and innovation throughout the program

- Developed full-stack applications using C#, SQL Server, SQLite, and Agile SDLC methodologies
- Collaborated with development teams to design and implement software solutions addressing real-world community challenges in digital social innovation
- Participated in technical workshops covering cloud technologies, modern development practices, and emerging technology trends
- Completed project work focused on mental health technology solutions and community impact applications

## KEY PROJECTS

### COMMUNIZEN – Mental Health Support Platform | Lead Software Developer

**Technologies:** .NET MAUI, C#, MVVM Pattern, XAML, Firebase Authentication, Firestore Database, Google Maps API, RESTful API Integration

**Preview:** <https://drive.google.com/file/d/1COjWWSFxzrMRuFK-aDN2KE6d89i7iYel/view?usp=drivesdk>

Developed an innovative cross-platform mobile application providing comprehensive mental health support, resources, and professional connections with focus on accessibility, security, and user experience.

- Architected and implemented real-time chat functionality enabling immediate secure connection between users and mental health counselors
- Designed and developed appointment booking system with calendar integration, reminder notifications, and availability management for clients and practitioners
- Implemented Firebase backend infrastructure ensuring secure authentication, data encryption, and real-time data synchronization
- Utilized MVVM design pattern for maintainable, testable, and scalable codebase following SOLID principles
- Integrated Google Maps API for location-based practitioner search, distance calculation, and navigation features
- Conducted unit testing and debugging to ensure application stability and performance across Android and iOS platforms

## REFERENCES

Available upon request