MUSAWAKHE CHIPEYA

(+27) 73 740 8084   waynemusawakhe@outlook.com   LinkedIn Profile   Github Profile

Aspiring Software Developer with a solid foundation in object-oriented programming, data structures, and full-stack development. Driven to design and build efficient, scalable software solutions that make a real impact.

EDUCATION

(Detailed subjects, modules and marks throughout my education can be found on my website)

- **BSc Information Technology**   Vanderbijlpark, North West
  North West University   *January 2023 – December 2025*
  o Average: 78%; 26 Modules, 16 Distinctions (so far)

- **National SeniorCertificate (Matric)**   Tembisa, Gauteng
  Jiyana Secondary School   *December 2022*
  o Average 72%; 2 Distinctions

EXPERIENCE

- **North-West University**   Vanderbjilpark, Gauteng
  Student Assistant   *July 2025 – November 2025*
  o Tutor and Marker for System Analysis and Design II (CMPG 223)

- **North-West University**   Vanderbjilpark, Gauteng
  Student Assistant   *July 2025 – November 2025*
  o Tutor and Marker for Data Structures in Java (CMPG 221)

- **North-West University**   Vanderbjilpark, Gauteng
  Student Assistant   *Jan 2025 – June 2025*
  o Tutor and Marker for Apps and advanced user programming (CMPG 212)

- **Prestige**   Johannesburg, Gauteng
  System Administrator for Vacational Work   *Nov 2024 – Dec 2024*
  o Registration and Registration related errors

PROJECTS

- **Freelancer Job Management System**   *2025*
  o Designed and implemented a full Oracle SQL database system with ERDs, normalization, constraints, and queries for managing freelancer contracts and jobs.

- **SPCA System Automation (Group Project)**   *2024*
  o Created a web application in a project team of 6. Analyzed and redesigned the appointment and volunteer system for the Vanderbijlpark SPCA, replacing Facebook-based operations.

- **Healthcare Chatbot in Python**   *2024*
  o Created a basic AI-driven chatbot that interacts with users and provides health-relatedresponses using rule-based logic.

- **Event Management System**   *2023*
  o Developed a C# Windows application with SQL Server database for event organization Implemented user registration, event hosting and personalized dashboard functionality

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C#, C++, SQL, .NET Framework
- **Web Development:** HTML, CSS, JavaScript, Node.Js, React
- **Software:** MS Word, MS Excel, MS Access, MS Teams, Oracle, Excel QM, MS Visual Studio, MS Visual Studio Code, Atom, PyCharm

- Design Skills: UI/UX Design, Adobe Photoshop
- Methodologies: Agile, Waterfall, Scrum
- Business Skills: Business Management, Problem Solving for Managers
- Analytical Skills: Data Structures and Algorithms, Data Analytics, Databases and Advanced Databases, Decision Support Systems, Descriptive Statistics
- Mathematical Skills: Basic Mathematical Techniques, Discrete Mathematics
- Computer Science Fundamentals: Structured Programming, User Interface Programming, Object Oriented Programming, Advanced User Interface Programming, Cloud Computing, System Analysis and Design, Information Security, Operating Systems, Computer Networks
  Other: APIs, Bootstrap, Azure, Cisco Packet Tracer

UNIVERSITY RECOGNITION

- Golden Key International Honours Society invitation and Member   (2025)
- Faculty of Natural and Agricultural Sciences Sports Liasson Officer   (2024)
- Captain of Boys Volley Ball   (2023)
- Awarded Best Project for SPCA Appointment and Volunteering System in 2nd year   (2023)

HIGH SCHOOL RECOGNITION

- Ranked Top 10 Overall in Matric   (2024)
- Top Achiever Number 1 for Computer Applications Technology   (2024)
- RCL (Representive Council of Leaners)   (2020)

HOBBIES & INTERESTS

Public Speaking, Competitive programming, , Volleyball, Ice Skating, Reading, AI, Skateboarding, Coffee shop hopping with friends, Listening to music, Graphic design and Video Editing

REFERENCES

References available upon request