

Mashabane Tebogo Nelson

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City: 87, Eastbank Avenue, Alexandra, Sandton, Johannesburg

SUMMARY

Aspiring Software Developer

Final-year BSc IT student and aspiring software engineer passionate about building efficient, user-focused solutions. Skilled in programming and software development through both academic studies and independent projects, I thrive in collaborative environments, continuously learning and solving real-world problems with innovative technology. Open to mentorship, networking, and opportunities to grow in the tech industry.

EDUCATION & CERTIFICATIONS

Tertiary Qualifications

Bachelor of Sciences in Information Technology – North West University – Present

Expected Graduation – 2026

- Relevant Coursework: ASP.NET, .NET, OOP, Data Structures & Algorithm, Database Systems, System analysis and Design, Java OOP, React, NODE.JS.

Certifications

Microsoft Azure- 2025

AWS Cloud Computing -2025

FNB App Academy -2025

AWS Certified Developer Associate (DVA-C02) -2025

Amazon API Gateway for Serverless Applications -2025

Amazon Q Developer- 2025

Domain 1 Review: AWS Certified Developer (DVA-C02-English) -2025

AWS AppSync Getting Started

AWS Simple Queue Service (SQS) 2025

AWS Certified DevOps Engineer – Professional (DOP -C02) 2025

Amazon Simple Notification Service (Amazon SNS)- Troubleshooting -2025

Short Courses

Work Readiness Program 2025

SOFT SKILLS

Time-Management| Problem solving| Leadership| Team Collaboration| Organized| Web development| Software development| Creativity| Adaptability| Critical Thinking| Networking| Accountability| Work ethic| Goal Oriented| Attention to detail|

TOOLS & TECHNOLOGIES

- Languages: JavaScript, Java, C#, HTML5, CSS3, SQL
- Frameworks: (React, .NET, Git, Vite)
- Software Tools: Visual Studio, Visual Studio Code, Oracle
- Databases: (MySQL, SQLite)
- Additional software: Git, Android Studio, BlueJ

ACHIEVEMENTS & HONORS

- DevOps Member
- Student Assistant (C#)
- House Committee Leader (faranani Residence)

PROJECTS

Chronic- Care+ Project | React, C#, ASP.NET, MySQL

JUNE 2025 - PRESENT

Dev Unity | Vanderbijlpark | <https://github.com/DevUnityX/chronic-care-backend.git>

- Monitors and tracks the impact of chronic diseases on users' health.
- Supports ongoing management to improve treatment adherence and well-being.

Webcam Capture Project | Java (JDK), JDBC, Springboot, Oracle

APR 2024 – JUL 2024

<https://github.com/Tebogo17/WebcamCapture-Project.git>

- Uses facial recognition during online tests.
- Continuously verifies the student's identity.
- Pauses the test if the student looks away.
- Submits automatically after repeated violations.

MedAppoint Project | HTML, CSS, C#, ASP.NET, MySQL

JUN 2024 – NOV2024

https://github.com/Tshepang01/CMPG223_MedAppoint-Group59.git

- MedAppoint is a web platform for managing clinic appointments.
- Patients can easily book and track visits online.
- Doctors can receive and manage appointments efficiently.
- Improves communication between patients and providers.

PukkeConnect Project | React, NODE.JS, PostgreSQL, TailwindCSS, Vite, JWT

JUN 2025 – PRESENT

<https://pukke-connect.vercel.app/>

- Digitally bridges the gap between students and societies at North-West University.
- Uses modern technology, intuitive UI, and a matchmaking system.
- Tackles a core student life problem.
- Success relies on student collaboration, agile development, and strong UX design.

All Students Document Project | HTML, CSS, JAVASCRIPT

JUN 2023 – OCT 2023

<https://github.com/Tebogo17/ALL-STUDENTS-DOCUMENTS.git>

- All Student's Documents is a web platform for managing student files.
- Allows students to submit documents online.
- Provides secure access and storage of documents.

PROFESSIONAL EXPERIENCE

Faranani Residence (NWU) | Vanderbijlpark

SEP 2023 – OCT 2024

Social & Liaison officer with MPRO

Plans, coordinates, and executes recruitment related activities in collaboration with the SCC.

Coordinates the residence's participation in the NWU's annual Campus Open Day.

▪ **MPRO Recruitment Drive:**

Enhanced student engagement and improved residence applications through strategic campaigns and events.

▪ **Campus Open Day Coordination:**

Effectively coordinated Faranani Residence's participation, enhancing visibility and strengthening prospective student relations

Student Assistant (C#)

Provided academic support in C# programming, assisting students with practical coding exercises, debugging, and understanding core software development concepts.

- **Web Development:**

Developed interactive web applications with robust validation and dynamic controls to ensure data accuracy and enhance user experience

- **Mobile App Development:**

Developed cross-platform apps with Xamarin, emphasizing performance, clean UI, and API integration for enhanced usability

References

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