

Teboho Rathethe Mokgosi

Software Developer | Emerging Full-Stack Developer | BSc in IT (UFS)

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SUMMARY

I'm a detail-oriented Software Developer with hands-on experience gained during a two-year Internship as an Applications Developer at the Department of Higher Education and Training (DHET), contributing to full SDLC processes, system enhancements, automation, and user support. I'm skilled in building and maintaining web applications with a strong understanding of OOP, MVC architecture, Agile methodologies and database design.

I'm Passionate about developing scalable, user-friendly solutions and continuously expanding my skills in modern .NET technologies, cloud platforms, and full-stack development.

WORK EXPERIENCE

Applications Developer Intern

Department of Higher Education and Training

Dec 2023 – Nov 2025 (2 years)

Key Responsibilities:

- Developed and maintained internal web applications using Microsoft Power Platform, C#, ASP.NET Core, SQL Server, HTML, CSS and JavaScript.
- Participated and collaborated in an Agile environment to planning, requirements gathering, testing and deployment.
- Designed and Implemented database structures, views, stored procedures and queries with Microsoft SQL Server.
- Built and managed SharePoint-based departmental sites, improving internal communication and document accessibility.
- Conducted code reviews and system testing, ensuring quality before deployment.
- Created automation workflows using Power Apps and Power Automate, reducing manual admin work
- Assisted with user onboarding, access control, and support for the Employee Management System (SMARTet)

PROJECTS

- **Employee Portal | C#, ASP.NET Core MVC, SQL Server, Bootstrap**
A secure, role-based employee management portal designed to streamline internal operations
 - Implemented authentication, authorization, CRUD operations and EF Core.
 - Designed a responsive, user-friendly interface improving usability.
 - Implemented MVC practices.[Repo](#)
- **Budget Planner | HTML, CSS, JS**
A simple and intuitive budget planning app designed to help users manage their expenses.
 - Developed an intuitive budgeting tool with real-time updates for income/expenses.
 - Designed a clean layout to ensure effortless navigation and a smooth user experience[Demo](#) | [Repo](#)
- **Mindful AI Chat | React, Tailwind CSS, TS, Vite**
AI-driven wellness companion that supports users dealing with stress and anxiety through conversations and guided exercises
 - Implemented a clean, user-friendly interface with secure data handling and modular architecture, improving reliability, maintainability, and user experience.
 - Ensured secure data handling and smooth user interaction.[Demo](#) | [Repo](#)

EDUCATION

- **Bachelor of Science in Information Technology**
Majoring in Computer Science and Business Management
University of the Free State
Completed: 2022
- **Grade 12 (Matric)**
Kgolagano Secondary School
Completed: 2017

SKILLS

Technical Skills	Interpersonal/Soft Skills
<ul style="list-style-type: none">• <u>Languages & Frameworks:</u> C#, ASP.NET Core MVC, Web API, Blazor, HTML, CSS, JavaScript, Bootstrap, jQuery, React, TypeScript (beginner), Java (basic)• <u>Databases & Data Handling:</u> SQL Server, MySQL, PostgreSQL (basic), Oracle (Basic) Entity Framework Core, LINQ, CRUD Operations• <u>Development Tools & Platforms:</u> Visual Studio, Visual Studio Code, SSMS, Git, GitHub, Azure (basic), Docker (basic), Microsoft Power Platform• <u>Architecture & Practices:</u> OOP, SDLC, MVC, Agile, Minimal APIs, GitHub Actions (basic)• <u>Design Tools:</u> Figma, Canva, Adobe Photoshop (basic)	<ul style="list-style-type: none">• Communication• Teamwork and Collaboration• Problem solving• Adaptability• Continuous Learning• Time management and Prioritization• Attention to detail• Patience and Empathy• Emotional Intelligence

REFERENCES

- Mr. Tshepho Monare | Manager
Department of Higher Education and Training
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- Ms. Thelma Modika | Supervisor
Department of Higher Education and Training
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