

Teboho Rathethe Mokgosi

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

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SUMMARY

I'm a detail-oriented Software Developer with a Bachelor of Science in Information Technology (Computer Science major) and 2 years of hands-on experience in developing, maintaining, and supporting web applications in a government environment as an Applications Developer Intern at the Department of Higher Education and Training (DHET). I'm Experienced in full-stack development using C#, ASP.NET Core MVC, SQL Server, JavaScript, and modern web technologies. I'm a strong logical thinker with practical exposure in Software Development Life Cycle (SDLC), Agile methodologies, and role-based systems. I'm passionate about building scalable, secure, and user-friendly solutions while continuously improving my technical depth.

TECHNICAL SKILLS

Programming & Frameworks

C#, ASP.NET Core MVC, Web API, Blazor, JavaScript, React, HTML, CSS, Bootstrap, jQuery, Java

Databases & Data Handling

Microsoft SQL Server, MySQL, PostgreSQL, Entity Framework Core, LINQ, CRUD Operations

Tools & Platforms

Visual Studio, Visual Studio Code, SQL Server Management Studio, Git, GitHub, Microsoft 365, Power Platform (Power Apps, Power Automate) SharePoint

Cloud & DevOps (Foundational)

Microsoft Azure Fundamentals, Docker, GitHub Actions

Methodologies & Architecture

SDLC, Agile, MVC Architecture, APIs, OOP

UI/UX & Design

Figma, Canva, Adobe Photoshop

SOFT SKILLS

Communication • Teamwork & Collaboration • Problem Solving • Adaptability • Time Management • Continuous Learning • Attention to Detail

WORK EXPERIENCE

Applications Developer Intern

Department of Higher Education and Training

Dec 2023 – Nov 2025 (2 years)

Key Responsibilities:

- Designed, developed, and maintained internal web applications using C#, ASP.NET Core MVC, Web APIs, JavaScript, SQL Server and Microsoft Power Platform.
- Participated in the full Software Development Lifecycle (SDLC) including requirements gathering, system design, development, testing, deployment, and maintenance.
- Implemented front-end interfaces using HTML, CSS, JavaScript, and Bootstrap to improve usability and responsiveness.
- Built and optimized SQL Server databases and queries, improving system performance and data integrity.
- Troubleshoot and resolved software defects through debugging, log analysis, and root cause investigation.
- Maintained and enhanced SharePoint-based web solutions for departmental platforms.
- Contributed to workflow automation using Power Automate to streamline internal processes.

PROJECTS

Airline Reservation System | [LINK](#)

- Built a full airline reservation system enabling flight search, seat availability, and ticket booking.
- Implemented secure user authentication with role-based access and an admin flight management module.
- Designed a responsive and user-friendly interface to improve usability and accessibility.

Personal Finance Tracker | [LINK](#)

- Built a personal finance tracking application with secure user authentication
- Implemented dynamic data visualizations to display income vs. expense trends across multiple time periods
- Created responsive UI using Bootstrap 5 with monthly/yearly filtering capabilities and category-based expense tracking

Community Dashboard | [LINK](#)

- Developed a multi-user web application with secure authentication and role-based authorization (User/Admin).
- Implemented role-based access (User/Admin) to manage community posts, comments, and pinned announcements using clean MVC architecture.

EDUCATION

- **Bachelor of Science in Information Technology**
Majors: Computer Science and Business Management
University of the Free State – Completed: 2022
- **National Senior Certificate (Matric)**
Kgolagano Secondary School – Completed: 2017

REFERENCES

- Mr. Tshepho Monare | Manager
Department of Higher Education and Training
069 377 2900 | monare.t@dhet.gov.za
- Ms. Thelma Modika | Supervisor
Department of Higher Education and Training
069 376 4242 | modika.t@dhet.gov.za
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