

EMELY MOKGADI MACHETE

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SUMMARY

Junior Software Developer with a Bachelor of Information Technology and hands-on experience building structured, database-driven web applications using C#, ASP.NET Core MVC, and SQL. Strong foundation in MVC architecture, CRUD operations, authentication, and clean coding practices. Demonstrates strong analytical thinking, accountability, and the ability to learn quickly in high-standard engineering environments.

EMPLOYMENT / PROJECT EXPERIENCE

Software Development Projects (Academic & Personal)

Event Management System

- Built a full CRUD web application using ASP.NET Core MVC and Entity Framework Core.
- Implemented SQL Server persistence with code-first migrations.
- Applied server-side validation to ensure data integrity.
- Followed structured MVC separation of concerns.

Task Management System

- Developed a task tracking application with create, edit, delete, and list functionality.
- Implemented validation and error handling.
- Structured controllers and views according to MVC best practices.

User Authentication System

- Implemented authentication and authorization using ASP.NET Core Identity.
 - Built secure registration, login, logout, and protected routes.
 - Integrated database-backed identity management.
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EDUCATION

Bachelor of Information Technology

North-West University

2022 – 2025

SKILLS

Programming Languages: C#, SQL, HTML, CSS

Frameworks & Technologies: ASP.NET Core MVC, Entity Framework Core, ASP.NET Core Identity

Databases: SQL Server, MySQL

Tools: Visual Studio, Git, GitHub

Core Concepts: MVC Architecture, CRUD Operations, Authentication & Authorization, Server-Side Validation, Database Design, Problem Solving.