EMELY MOKGADI MACHETE

Junior Software Developer | ASP.NET Core | C# | SQL

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PROFESSIONAL SUMMARY

Junior Software Developer with a Bachelor of IT and strong hands-on experience building database-driven web applications using C#, ASP.NET Core MVC, Entity Framework Core, and SQL. Proven ability to design and implement full CRUD functionality, authentication, server-side validation, and MVC-based architecture. I am actively seeking an entry-level or graduate software development role where I can contribute to real-world systems, write clean maintainable code, and continue developing as a professional software engineer.

TECHNICAL SKILLS

Programming Languages:
C#, SQL, HTML, CSS

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

Databases:
SQL Server, MySQL

Development Tools:
Visual Studio, Git, GitHub

Core Concepts:
MVC Architecture, CRUD Operations, Database Design, Authentication & Authorization, Server-Side Validation, Code-First Migrations

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PROJECTS
EVENT MANAGEMENT SYSTEM | ASP.NET CORE MVC, C#, SQL

GitHub: https://github.com/EmelyMachete/event-management-system

- Designed and developed a full-stack web application using ASP.NET Core MVC and Entity Framework Core
- Implemented full CRUD operations for managing events
- Integrated SQL database persistence using code-first migrations
- Applied server-side validation to ensure data integrity
- Followed clean MVC architecture with Controllers, Models, and Views
- Demonstrated understanding of database relationships and structured backend logic

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TASK MANAGEMENT SYSTEM | ASP.NET CORE MVC, C#

GitHub: https://github.com/EmelyMachete/TaskManagementSystem

- Built a task tracking system allowing users to create, edit, and delete tasks
- Implemented form validation and user-friendly error handling
- Applied MVC architectural principles and clean separation of concerns
- Focused on maintainable controller logic and readable UI structure

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USER AUTHENTICATION SYSTEM | ASP.NET CORE IDENTITY

GitHub: https://github.com/EmelyMachete/UserAuthenticationSystem

- Implemented authentication and authorization using ASP.NET Core Identity
- Developed user registration, login, logout, and protected routes
- Integrated database-backed identity management
- Demonstrated secure handling of user credentials and access control

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EDUCATION

Bachelor of Information Technology
North-West University — South Africa
2022 – 2025

ADDITIONAL INFORMATION

- Strong problem-solving and analytical skills
- Comfortable working with structured development workflows
- Able to learn new technologies quickly and apply them practically
- Passionate about backend development and database-driven systems