

AYMAN MOHAMMED YASSIEN

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PROFESSIONAL SUMMARY

Full-Stack Developer with expertise in React and .NET, specializing in scalable backend architecture and modern web applications. Proven experience in financial systems, and business logic. Skilled in database design, API development, and collaborative team environments. Passionate about clean code, and delivering robust solutions for enterprise-level applications.

EDUCATION

Kafr El-Sheikh University, Egypt

2021 - 2025

Bachelor of Computer Science - Faculty of Computers and Information

- Relevant Coursework: DSA & Algorithms, Software Engineering, Operating Systems, Computer Architecture.

TECHNICAL PROJECTS

Based - Personal Financial Management Platform (Backend Developer)

[GitHub](#)

- Developed backend infrastructure for comprehensive financial management platform using .NET Core and SQL Server with 3-tier architecture .
- Designed and implemented database schemas supporting multiple wallets, financial tracking (income, expenses, budgets, savings, loans), and goal management with advanced analytics capabilities.
- Collaborated with backend team to built scalable RESTful APIs handling business logic for financial calculations, automated recommendations, and behavioral analytics using clean architecture principles.
- **Tech Stack:** .NET 9, SQL Server, Entity Framework Core, Clean Architecture, RESTful APIs

Binary Decimal Store - E-commerce Platform (Full-Stack Developer)

[GitHub](#)

- Developed scalable e-commerce platform using .NET Core MVC with external authentication providers (Google, Microsoft) and comprehensive role-based access control system.
- Integrated Stripe payment gateway for secure transactions, implemented automated PDF order summaries, and built product review system with real-time comment functionality.
- Architected admin dashboard for user management, account locking, session control using Repository Pattern and Dependency Injection for maintainable codebase.
- **Tech Stack:** .NET Core MVC, Stripe API, Repository Pattern, OAuth Integration, PDF Generation

Calorie Tracker App (Frontend Developer)

[Live Demo](#)

- Developed responsive calorie tracking application using React with modern hooks architecture and component-based design for optimal user experience across mobile and desktop platforms.
- Implemented with modal-based forms using React Modal for seamless data entry workflow.
- **Tech Stack:** React 19, React Hooks, CSS/Styled Components, Responsive Design, GitHub Pages Deployment

Room Management System (Full-Stack Developer)

[GitHub](#)

- Built room management system using ASP.NET Core with separation of concerns between Web API backend and MVC frontend, implementing clean architecture patterns.
- Engineered secure authentication system with JWT tokens and refresh token, integrated with ASP.NET Core Identity for user management.
- Developed role-based access control (Admin/User) with EF Core, generic API responses, pagination support, and error handling .
- **Tech Stack:** ASP.NET Core 8 (MVC & Web API), JWT Authentication, EF Core, SQL Server, Role-based Authorization

TECHNICAL SKILLS

- **Programming Languages:** C#, JavaScript, C++
- **Backend Technologies:** .NET Core, Web API, MVC, EF Core, ADO.NET, LINQ
- **Frontend Technologies:** React , React Hooks, HTML, CSS, JavaScript ES6+, SCSS, Bootstrap, Tailwind
- **Databases:** MS SQL Server, T-SQL, Database Design

LANGUAGES

- Arabic: Native proficiency
- English: Good