📄 Technical Proposal

Full-Stack .NET Web Development Services

About Me

I am a **Full-Stack .NET Web Developer** specialized in building robust, scalable, and user-friendly web applications. With hands-on training in **ASP.NET Core (MVC & Web API)**, **SQL Server**, **HTML5, CSS3, JavaScript**, and experience using **Git & Docker**, I provide end-to-end solutions — from database design to front-end development — that ensure performance, security, and maintainability.

Education & Training:

- Computer Science & AI Student - Benha University
- Digital Egypt Pioneers Program (MCIT) Graduate
- Abu-Hadhoud Software Engineering Track Specialist

Offered Services

1. Backend Development

- ASP.NET Core MVC & Web API
- SQL Server database design & optimization
- Authentication & Authorization (JWT / Identity)
- RESTful API development
- Entity Framework Core integration

2. Frontend Development

- Responsive web design (HTML5, CSS3, JavaScript)
- Clean, modern, and mobile-friendly UI
- Bootstrap framework integration
- Cross-browser compatibility

3. Software Engineering Practices

- Version control with Git
- Containerization & deployment with Docker
- Unit testing & debugging
- Clean code principles
- Performance optimization

Deliverables

- ✅ Working prototype within 2–3 days
- ✅ Clear documentation in Arabic & English
- ✅ Free support for 1 week after delivery
- ✅ Video tutorial explaining usage & customization
- ✅ Complete source code with Git repository
- ✅ Database setup scripts and deployment guide

Previous Achievements

- Built **12+ training projects** including a full Inventory Management System with barcode scanner integration
- Solved **600+ programming problems** on international platforms, ensuring clean, efficient, and optimized code
- Specialized in enterprise-grade applications with advanced security features

Development Methodology

I follow the **Agile methodology**, ensuring iterative delivery, transparent communication, and flexibility. Regular progress reviews will allow for early feedback and necessary adjustments to align with client requirements.

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Project Timeline

Phase	Duration	Key Activities
Phase 1: Requirements & Design	5 days	Requirements gathering, Technical architecture, Database design
Phase 2: Development	20 days	Backend API development, Frontend integration, Core functionality
Phase 3: Testing	7 days	Unit testing, Integration testing, Performance optimization
Phase 4: Deployment & Handover	3 days	Production deployment, Documentation, User training

Tools & Technologies

- **Backend:** .NET 6/7/8, ASP.NET Core MVC & Web API, C#, Entity Framework, LINQ
- **Frontend:** React, Angular, Blazor
- **Database:** SQL Server, PostgreSQL, MySQL
- **Version Control:** GitHub, GitLab, Azure Repos
- **Cloud:** Azure, AWS, Docker for containerization

This proposal demonstrates my readiness to work as a professional freelancer and deliver high-quality .NET solutions to clients worldwide.

📞 Contact Information

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Ready to start your next project? Contact me today!