Mamun Omolaja B.

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Profile Summary

Results-driven Software Engineer with proven experience in designing, developing, and deploying scalable web applications using C#, ASP.NET Core MVC, and MySQL. Skilled in blending backend engineering with modern frontend frameworks to deliver clean, user-focused solutions. Demonstrates a strong grasp of UI/UX design principles, problem-solving, and agile team collaboration. Passionate about continuous learning, building impactful technology solutions, and driving innovation.

Core Skills

Programming & Frameworks: C#, ASP.NET Core MVC, HTML5, CSS3, JavaScript (ES6), Bootstrap 5, TailwindCSS

Database & Tools: MySQL, Entity Framework Core, Git & GitHub, REST API Integration, Microsoft Visual Studio, Postman

UI/UX & Design: Wireframing, Prototyping, User-Centered Design, Responsive Web Interfaces

Other Competencies: Problem Solving & Debugging, Agile & Scrum Methodology, Documentation & Version Control, Collaboration & Cross-functional Teamwork

Projects & Experience

Student Registration Web Application (ASP.NET Core MVC)
- Developed a full-stack web application with secure student registration, role-based access control, and admin login.
- Implemented 2FA email authentication for improved security.
- Built dashboard analytics and profile management features for admins and students.
- Utilized Entity Framework Core with MySQL for database management.

Employee & Department Management System
- Created an employee and department management module following MVC architecture.
- Implemented department dropdown population from database for seamless data binding.
- Built address management (add/delete) functionality with IConfiguration.
- Enhanced usability and maintainability with modular code and clear separation of concerns.

Smart Safety System Dashboard
- Designed a responsive safety monitoring dashboard using Bootstrap 5, Chart.js, and Leaflet.js.
- Integrated real-time worker status, device overview, live alerts, heatmaps, and safety checklists.
- Added dark mode toggle, emergency simulation button, smart notification center, and gamified safety scoreboard.
- Optimized user experience with animations, interactive charts, and a scrolling layout.

Gadget Showcase Website – BigFundsGadgets
- Developed a modern landing page for product showcasing and ordering.
- Integrated features such as hero slider, product filters, dark mode, chatbot assistant, sticky navbar, hover zoom, live search, and back-to-top button.
- Enabled WhatsApp ordering workflow for simple customer interaction.

Waqf-e-Nau Portal (Group Project)
- Collaborated in a team to build a portal for parents and administrators.
- Developed models and view models (RededicationRequest, ChildBirthEvent) for lifecycle workflows.
- Implemented a LifecycleService to unlock dedication forms after childbirth notifications.
- Integrated email notifications, logging, and access control mechanisms.

Education

- **MGQS Institute** – Actively pursuing professional growth through online training and mentorship.
- **UI/UX Program Scholarship Recipient (2025 cohort)** – Selected for excellence and dedication to design and usability.
- Continuous learning in backend development, database systems, and full-stack web development.

Achievements & Certifications

■ **Scholarship Winner** – UI/UX Design Program (2025).

■ **Certifications in:**
- C# & .NET Programming
- ASP.NET Core MVC Development
- Git & GitHub Essentials
- Database Design & Management (SQL/MySQL)

■ Active open-source contributor and collaborator in group projects.

Professional Interests

- Backend Development (C#, .NET, API Design)
- Full-stack Web Application Development
- Database Systems (SQL, MySQL)
- UI/UX Design & Human-Centered Frontend Development
- Scalable Software Architecture & Cloud Integration