Mamun Omolaja B.

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Portfolio: mamun-rho.vercel.app

Profile Summary

Versatile Full-Stack Software Engineer with expertise in C#, ASP.NET Core MVC, React, Next.js, JavaScript, and TypeScript. Experienced in designing, developing, and deploying scalable, secure, and user-friendly web applications. Adept at backend engineering, modern frontend frameworks, UI/UX design, and database management. Strong problem-solver and collaborator with a passion for continuous learning and delivering impactful software solutions.

Core Skills

Programming & Frameworks: C#, ASP.NET Core MVC, React, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Bootstrap 5, TailwindCSS
Database & Tools: MySQL, Entity Framework Core, REST API Integration, Git & GitHub, Microsoft Visual Studio, Postman
UI/UX & Design: Wireframing, Prototyping, User-Centered Design, Responsive Web Interfaces, Figma
Other Competencies: Problem Solving & Debugging, Agile & Scrum Methodology, Documentation & Version Control, Cross-functional Collaboration

Projects & Experience

PharmaCare – Pharmacy Management Web Application: Built with ASP.NET Core MVC, Entity Framework Core, and MySQL. Features pharmacist registration, pharmacy dashboard, inventory, and order management. Implemented role-based access control and secure authentication.

Student Registration Web Application (ASP.NET Core MVC): Developed a full-stack student registration system with 2FA email authentication. Implemented dashboard analytics and profile management for students and admins. Leveraged Entity Framework Core with MySQL for robust database management.

BigFundsGadget – Gadget Showcase Website: Modern landing page built with React, HTML, CSS, and JavaScript. Integrated hero slider, product filters, dark mode, chatbot assistant, sticky navbar, hover zoom, live search, and WhatsApp ordering workflow.

Smart Safety System Dashboard: Responsive safety monitoring dashboard using Bootstrap 5, Chart.js, Leaflet.js, and React components. Features live worker status, heatmaps, alerts, gamified safety score, and emergency simulation.

Waqf-e-Nau Portal (Team Project): Built lifecycle workflows for parents and administrators using ASP.NET Core MVC. Developed models and lifecycle services, integrated notifications, and implemented access control.

MA-CarRace & TypingNinja Games: Creative browser-based games using HTML, CSS, JavaScript, and TypeScript.

Portfolio & Landing Pages: Built multiple responsive and interactive landing pages using React, Next.js, and TailwindCSS.

Education

Mirza Ghulam Qadir Shaheed IT Lab & Research Centre (2023–2025): C# & Full-Stack Development, Research Collaboration
Product Design University (PDU) – UI/UX Bootcamp (May–Jun 2025): Intensive hands-on training in Figma, wireframing, prototyping, usability, and information architecture

Certifications & Achievements

Scholarship Winner – UI/UX Design Program (2025)
C# & .NET Programming – C#corner & freeCodeCamp
ASP.NET Core MVC Development
Git & GitHub Essentials
Database Design & Management (SQL/MySQL)
Active open-source contributor and collaborator in team projects

Professional Interests

Full-Stack Web Application Development (C#, ASP.NET Core, React, Next.js)
Backend API Design & Scalable Architecture
Database Systems (SQL, MySQL)
UI/UX Design & Human-Centered Frontend Development
Cloud Integration & DevOps Best Practices