

Nathaniel Esla Yohanna

Software Developer

Lafia, Nasarawa

Nigeria

+234 806 773 7361

nathanieleslayohanna2020@gmail.com

nathaniele2020.github.io/MyPortfolio/

nathaniel-yohanna-0b7a41237

NathanielE2020

Professional Summary

Passionate and detail-oriented Software Developer with over 2 years of experience designing and developing scalable web applications using C#, .NET, SQL, and React. Adept at problem-solving, backend and frontend development, and optimizing system performance. Seeking a remote position to apply my expertise in building efficient and user-friendly software solutions.

Technical Expertise

Languages & Frameworks:	C#, .NET Core, ASP.NET, React, JavaScript, HTML, CSS, Bootstrap
Database & Tools:	SQL Server, Entity Framework, LINQ, Git
Other Technologies:	RESTful APIs, jQuery, GitHub, Arduino, Session Management

Professional Experience

- 2023–Present **Software Developer, Self-Employed / Freelance**
- Developed and deployed a **Car Parking Management System** using C#, .NET 8, SQL, and Bootstrap
 - Designed a responsive parking slot UI adaptable to different screen sizes, increasing user satisfaction
 - Built an admin dashboard for real-time slot tracking, user management, and reporting
 - Created a **Cinema Ticket Booking System** with role-based access for customers, admins, and staff
 - Integrated search and filter functionality using jQuery DataTables, improving data retrieval speed
 - Developed an authentication system allowing admins to register and manage new users
 - Implemented payment processing features and transaction history tracking with high accuracy

Key Projects

Car Parking Management System

- Designed and developed a responsive web application for managing car parking using C# (.NET 8), JavaScript, MVC, and SQL Server
- Implemented a dynamic parking slot display with real-time availability updates, reducing booking errors
- Developed a payment system with month-wise filtering and transaction history tracking
- Built an admin dashboard for managing users, reservations, and payments
- Used jQuery DataTables for efficient searching, filtering, and sorting of parking transactions
- Implemented session-based authentication for handling admin login sessions
- Developed a mobile-responsive UI using Bootstrap and CSS
- Optimized database queries and LINQ operations for efficient transaction handling, improving performance
- Deployed the system to a live domain and managed hosting and deployment

ParkingCMS

- Developed a feature-rich ParkingCMS Dashboard using C# (.NET 8), MVC, and SQL Server
- Implemented real-time parking slot tracking with status indicators for available, occupied, and reserved slots
- Integrated role-based access control (RBAC) to restrict dashboard functionalities based on admin and staff privileges
- Developed a payment management system, allowing users to book parking slots with secure payment processing
- Created transaction history and reporting modules to track payments and revenue analytics
- Designed an intuitive, mobile-responsive UI using Bootstrap and CSS, increasing user engagement
- Implemented advanced search and filtering features using jQuery DataTables for easy retrieval of parking records
- Deployed and maintained the system on a live domain (filter.com.ng), ensuring scalability and uptime with high reliability

Smart Home Light Automation System

- Designed and implemented a smart home light automation system using IoT devices and home automation protocols
- Developed remote and automated control features for lighting to enhance energy efficiency and user convenience
- Collaborated with teams to complete system development and integration, reducing energy consumption

Education

Expected
Sept 2026 **Bachelor's Degree in Computer Science, Nasarawa State University, Keffi**