

Buddhika Eshan

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Career Summary

I am a passionate and detail-oriented Full Stack Developer with a Higher National Diploma in Information Technology and hands-on industry experience. I specialize in building scalable and high-performance web applications using modern technologies like React, Next.js, Node.js, MySQL, and MongoDB. With a strong focus on intuitive user interfaces and seamless frontend-backend integration, I strive to develop efficient, user-centric, and innovative software solutions. Dedicated to continuous learning, I am always exploring new technologies to enhance functionality, performance, and user experience.

Work Experience

Full Stack Developer Intern

Mar 2024 - Sep 2024

NM Digital Solutions (Remote)

- Developed and maintained dynamic web applications using React, Node.js, MySQL, HTML, CSS, and JavaScript to deliver seamless user experiences.
- Designed and optimized RESTful APIs for efficient data processing, enhancing application performance and scalability.
- Improved frontend performance with responsive design and optimized UI components for a smooth user experience.
- Ensured database efficiency by writing optimized queries and managing relational database structures for better performance.
- Identified and resolved application issues, reducing downtime and improving overall system reliability.

- Collaborated in an agile development team, actively participating in daily standups, sprint planning, and code reviews to drive project success.
- Utilized Git for version control, effectively managing branches, resolving merge conflicts, and maintaining a streamlined workflow.
- Developed and maintained CRUD operations, enabling seamless interaction between the frontend and backend.
- Refactored and optimized existing code to improve scalability, maintainability, and overall performance.
- Integrated third-party APIs and services to extend application functionality and enhance the user experience.

Education

Higher National Diploma Information Technology

Apr 2022 - Present

Sri Lanka Institute of Advanced Technological Education

- Visual Application Programming
- Web Design
- Computer Network Systems
- Information Management Systems
- Fundamentals of Programming
- Software Development
- System Analysis and Design
- Data Communication and Computer Networks
- User Interface Design
- Object Oriented Programming
- Web programming
- Data Structures and Algorithms
- Database Management Systems
- Operating Systems
- Information and Computer Security
- Software Engineering
- Software Quality Assurance
- Project Management
- Business Analysis
- Enterprise Architecture
- Professional World

Core Skills

- **Languages:** Java, C#, Python,
- **Web Development skills:** PHP, JavaScript, Typescript, HTML 5, CSS 3, tailwind CSS, Bootstrap, jQuery, React.JS, Next.JS, Node.JS, WordPress
- **Database:** MySQL, MongoDB, Firebase,
- **Project Management:** Agile Methodologies, Team Collaboration
- **Version controlling:** GitHub
- **Tools and Technologies:** - VS code, Visual Studio, NetBeans
- **Adobe:** illustrator, xd
- **Other:** Electron.js, Postman, REST APIs

Soft Skills:

- **Problem-Solving & Debugging:** Identifying issues in code and troubleshooting errors efficiently.
- **Collaboration & Teamwork:** Working effectively with developers and designers to achieve project goals.
- **Adaptability & Willingness to Learn:** Quickly grasping new technologies, frameworks, and best practices.
- **Time Management:** Prioritizing tasks to meet deadlines while maintaining code quality.
- **Basic Project Coordination:** Assisting in organizing tasks and contributing to team discussions.
- **Analytical Thinking:** Understanding user needs and improving web functionalities.
- **Proactive Mindset:** Taking initiative to suggest improvements and learn independently.

Certificates

JavaScript Essentials 1

Dec 2024

Cisco

UI/UX for Beginners

Dec 2024

Great Learning

Build a free website with WordPress

Dec 2024

Coursera

PROJECTS

‘Café 47’ MERN Web Application

Developed a fully functioning web application with a user-friendly frontend using **React.js** and an interactive dashboard powered by a **Node.js** backend. This application streamlines the entire ordering process, from product selection to checkout, providing a seamless and efficient experience for both customers and staff.

Responsibilities:

- **Online Ordering System:** Allows customers to browse the menu, customize orders, and place orders online.
- **Real-Time Order Tracking:** Displays order status updates to enhance customer experience.
- **User-Friendly Frontend:** Built with React.js, ensuring a smooth and intuitive interface.
- **Interactive Dashboard:** Provides business owners with sales insights and order management tools.
- **Secure Backend:** Powered by Node.js and Express.js, ensuring fast and secure data processing.
- **Efficient Data Management:** Uses MongoDB for scalable and seamless data storage.

‘POS system’ React Web application

Project: Developed a React-based Point of Sale (POS) System with inventory management, sales tracking, billing, and real-time data updates. Designed for efficiency with a user-friendly and responsive interface to streamline retail operations.

Responsibilities:

- Developed an inventory management system to track stock levels in real time.
- Implemented sales tracking features to monitor transactions and generate reports.
- Built a seamless billing system for processing customer purchases.
- Developed a secure user authentication system for staff access control.
- Integrated real-time data updates to ensure accurate business records.
- Added integrated payment processing to support multiple payment methods.
- Used Bootstrap to create a responsive and visually appealing UI for desktop and mobile devices.
- Tools Used: React.js, Node.js, Bootstrap, My SQL

Hotel Website and Reservation System

Project: Developed a React-based Hotel Website and Reservation System with an AI chatbot, automated booking management, and real-time email notifications. Designed for efficiency with a user-friendly and responsive interface to enhance the hotel reservation experience.

Responsibilities:

- Integrated an AI chatbot to provide instant assistance for customer inquiries.
- Developed an online booking system for clients to make reservations effortlessly.
- Built a staff dashboard to manage and accept bookings.
- Set up automated email notifications using EmailJS for booking confirmations.
- Designed a booking calendar for staff to track and organize reservations.
- Leveraged Bootstrap to ensure a seamless, mobile-friendly interface for users
- Tools Used: Next.js, Node.js, Email JS, My SQL, Tailwind, Firebase

REFERENCE:

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