Madhuri Rajbanshi

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Introduction

Passionate Frontend developer with a strong foundation in building responsive, interactive, and accessible user interfaces. Enjoys turning design ideas into reality with clean, efficient, and maintainable code.

Education

Tribhuvan University
Bachelor of Science in Computer Science and Information Technology

Participations

KU-HackFest   2023

Experience

MERN Stack Development Intern, Lunar I.T. Solution Pvt. Ltd., Itahari

- Developed a responsive Book Inventory Management System using Tailwind CSS for a smooth and mobile-friendly UI.
- Implemented form validation, JWT authentication, and role-based access control for secure user and admin access.
- Created RESTful APIs to handle CRUD operations for books and users.
- Integrated payment gateway for secure transactions.

ASP.NET Core Development Intern, Crystal Solution — Birtamode, Jhapa

- Developed and completed the Red Cross Blood Management System (RCBMS), including both the API and web application.
- Analyzed and designed the application architecture, ensuring scalability and performance.
- Managed the database, developed features, and ensured the smooth operation of the system.
- Worked on debugging, troubleshooting, and optimizing the system for optimal functionality.

Projects

Book Inventory System (GitHub)
Developed a MERN stack-based Book Inventory System with an admin panel and payment integration for efficient book management and transactions. Key features include CRUD operations, JWT authentication, role-based access control, and RESTful API.

GovLens (GitHub)
Developed a sentiment analysis web application using React.js and Vite to analyze public opinions on government policies

SpendSecure (GitHub)
Developed an expense tracking web app using **ASP.NET Core**, **SQL Server**, and **Entity Framework** for efficient backend and database management, ensuring a seamless user experience.

Know Your Algo(GitHub)
Developed an API for the "Know Your Algo" platform to manage algorithm exploration, visualizations, user interactions, and upvoting. Built using ASP.NET Core, enabling seamless user contributions and learning.

Skills

Programming Languages: C, C++, C#,JavaScript(ES6+), TypeScript

Frameworks and Libraries:ASP.NET Core,React.js,React Native,Node.js,Express.js

UI frameworks/Libraries: Tailwind CSS/UI, Bootstrap,Shadcn UI

Database:SQL Server,MongoDB,PostgreSQL

Version Control: Git,GitHub

Soft Skills: Problem-solving, Teamwork and Collaboration, Time Management, Communication, Adaptability, Attention to Detail