Event Management System - Project Report

Live Demo

https://eventmanagemtsystem-7distj5c6-uday-shankar-ys-projects.vercel.app/

Overview

This web application provides a user-friendly interface to manage eventsallowing creation, viewing, editing, and deletion of events. Built with a modern full-stack architecture, it supports real-time dynamic interaction.

Key Features

- Full CRUD operations on events
- Responsive layout adapts across desktop and mobile
- Clean date/time form inputs with validation
- Event listing cards displaying title, date, and reminders
- Reminder toggling for upcoming events
- Real-time UI updates after actions

Technology Stack

- Frontend: React or vanilla JS with HTML/CSS
- Backend: Node.js & Express
- Database: MongoDB (via Mongoose)
- Hosting: Vercel, backend possibly hosted on platforms like Heroku

Why It's Valuable

Demonstrates end-to-end development (frontend + backend). Offers hands-on experience with forms, API calls, validations. A strong addition to a full-stack developers portfolio.

Recommendations & Next Steps

- Add user authentication for multiple user support
- Include search, date filters, and pagination for event lists

- Integrate calendar view for better UX

- Enable email reminders with services like EmailJS or SendGrid

- Implement unit tests and error handling for production readiness

Summary

The Event Management System is a well-rounded full-stack project showcasing crucial skills: CRUD operations, responsive UI, backend integration, and deployment on modern infrastructure.