BLOG PLATFORM PROJECT

Project Report By

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FULL STACK DEVELOPER

About me

I am a Full-stack Engineer skilled in building scalable, real-time applications using NodeJS, Python, MongoDB, TypeScript, and Next.js. With expertise in architecture design and frameworks like Python, and am passionate about delivering high-quality software solutions.

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Project Description

The Blog Platform is a MERN stack application featuring user authentication, CRUD operations for blog posts, and interactive elements like comments and likes.
- Authentication: JWT-based session management with secure password hashing.
- Blog Posts: Users can create, read, update, and delete posts with title, content, and tags.
- Interactivity (Bonus): Users can comment on and like posts.
- Tech Stack: React (Shadcn), Node.js, Express, MongoDB, Mongoose, bcrypt.

Technologies Used

- **Frontend -** React, HTML/CSS and Shadcn, for a simple yet responsive user interface.
- **Backend -** NodeJS, Express for managing the logic and data.
- **Database -** MongoDB.

Blog Platform Data Model

users
name	string
email	string
password	string
id	string pk

comments
id	string pk
content	string
userId	string
blogId	string

likes
id	string pk
userId	string
blogId	string

blogs
id	string pk
title	string
content	string
tags	string[]
userId	string