Blog Website - README

# Approach to Solve the Problem

* • Built a full-stack blog website using React (frontend), Node.js with Express (backend), and MySQL (database).
* • Used React Router for page navigation and Axios for API communication.
* • Implemented user authentication using a simple session-based system (localStorage).
* • Allowed users to create, read, update, and delete blog posts with support for public/private visibility.
* • Included comment functionality on each blog post.

# Setup Instructions

* • Ensure Node.js and MySQL are installed on your system.
* • Clone the frontend and backend repositories.
* • Frontend Setup:
* • • Navigate to the frontend directory.
* • • Run `npm install` to install dependencies.
* • • Run `npm run dev` to start the React development server.
* • Backend Setup:
* • • Navigate to the backend directory.
* • • Run `npm install` to install dependencies.
* • • Set up a MySQL database using the provided SQL schema.
* • • Update database credentials in the backend code.
* • • Run `node server.js` to start the Express server.

# Use of AI

* I used AI, specifically ChatGPT, throughout the development process to assist with generating boilerplate code, fixing bugs and ensuring the components functioned correctly.
* ChatGPT also helped in syntax error in the backend with Node.js and Express, and create sample data for database.