

Task: Build a Blog API with Express.js

Sujith Kumar R

Initialize Project:

- Use **npm init** to create a new Node.js project.
- Install Express.js: **npm install express**

Define Blog Post Model

- Create a Post model with properties like id, title, content, author, and createdAt

Create Routes:

- Implement the following routes in your app.js file:
- POST /posts: Create a new blog post.
- GET /posts: Retrieve all blog posts.
- GET /posts/:id: Retrieve a blog post by ID.
- PUT /posts/:id: Update a blog post by ID.
- DELETE /posts/:id: Delete a blog post by ID.

Implement Commenting System:

- Extend the model to include a comments field.
- Create routes to add comments to a post, retrieve all comments for a post, update a comment, and delete a comment.

User Authentication:

- Integrate user authentication. Only authenticated users should be able to create, update, and delete blog posts or comments.

Middleware for Authorization:

- Implement middleware to check if the user making the request is the author of the post or comment, granting or denying access accordingly.

Sujith Kumar R

Error Handling:

- Implement error handling middleware to return appropriate HTTP status codes and error messages.

Database Integration :

- Integrate a database (e.g., MongoDB) to persist blog posts and comments.