

# Full stack interview

## Scenario

You are building a simple blog application for a small community of writers. Users can create accounts, write and publish blog posts, and leave comments on other user's posts.

## Goal:

Develop a working blog application that adheres to the following requirements:

### Frontend:

- Users can log in and register using a basic authentication system.
- Users can create and edit their own blog posts, containing title, content, and author information.
- Users can see a list of all published posts sorted by date.
- Clicking on a post title leads to the individual post page displaying its content and a comments section.
- Users can leave comments on posts, including their username and comment text.
- Comments are displayed under the corresponding post, with the most recent ones on top.

### Backend:

- Store blog post data (title, content, author, creation date).
- Store comment data (content, author, post ID, creation date).
- Implement basic REST API endpoints for user registration, login, post creation/editing, and comment posting.
- Use a simple database solution

### Bonus:

- Implement basic visual design and responsiveness for different screen sizes.
- Store user data securely (e.g., usernames, passwords).
- Enable users to edit and delete their comments.
- Implement basic error handling and user feedback messages.
- Implement search functionality for posts by title and content.
- Add user profile pages with basic information and post history.