Cursor AI For Advanced Users

L-13

Testing with Cursor AI

Overview

- Tests are your safety net for refactors and new features
- A strong test suite = confidence, maintainability, and fewer production bugs
- Writing tests manually is slow - AI changes that
- Cursor helps you generate tests faster, while you focus on test strategy

BlogForge
AI-DRIVEN CONTENT CREATION

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Testing Engineer (Unit Tests)

Prompt:

Imagine you are a senior QA engineer working on the BlogForge platform

I need you to write unit tests for the /create-post API endpoint.

Use the pytest and pytest-flask frameworks to write clean, readable tests that verify these scenarios:

1. A new blog is successfully created when valid data (title, content and description) is provided
2. The API returns error when a post is submitted without a title
3. Attempting to create a post with duplicate title should fail gracefully

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Integration tests

Prompt:

Lets add an integration test that validates the complete blog creation workflow in BlogForge

Write a new test that simulates the user journey - a user logs in, creates a new blog post, and then retrieves it to confirm it was saved correctly

Make sure the test checks both the API responses and the database state to ensure the post data is stored and returned as expected