

Backend (Python – Flask)

```
from flask import Flask, request, render_template

import sqlite3

app = Flask(__name__)

def get_db():
    return sqlite3.connect("blog.db")

@app.route("/", methods=["GET", "POST"])
def blog():
    db = get_db()

    if request.method == "POST":
        content = request.form["content"]
        db.execute("INSERT INTO posts (content) VALUES (?)", (content,))
        db.commit()

    posts = db.execute("SELECT content FROM posts").fetchall()
    return render_template("index.html", posts=posts)

app.run(debug=True)
```

DataBase Initialization

```
CREATE TABLE posts (
    id INTEGER PRIMARY KEY AUTOINCREMENT,
    content TEXT
);
```

Frontend (HTML + Rich Text Editor)

```
<!DOCTYPE html>

<html>

<head>

  <title>My Blog CMS</title>

</head>

<body>

  <h2>Create Blog Post</h2>

  <form method="POST">

    <textarea name="content" rows="6" cols="50"

      placeholder="Write your blog here..."></textarea><br><br>

    <button type="submit">Publish</button>

  </form>

  <h2>Published Posts</h2>

  {% for post in posts %}

    <div style="border: 1px solid #000; margin: 10px; padding: 10px;">

      {{ post[0]|safe }}

    </div>

  {% endfor %}

</body>

</html>
```