

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>
```