Blog Site with Next.js using `getStaticProps` and Markdown

 Objective:
Create a blog site using Next.js that leverages `getStaticProps` for static generation and Markdown files for content management.

 Requirements:

1. Project Setup:
   - Initialize a new Next.js project.
   - Use JavaScript for development.

2. Folder Structure:
   - Create a folder `content/posts` to store Markdown files for blog posts.

3. Markdown Files:
   - Create at least three sample Markdown files with metadata (e.g., title, date, author, summary).

4. Static Generation with `getStaticProps`:
   - Implement `getStaticProps` to fetch the list of blog posts from the Markdown files.
   - Implement `getStaticPaths` to generate paths for individual blog posts.

5. Components:
   - Layout Component: Create a layout component to be used across all pages.
   - BlogList Component: Display a list of blog post summaries on the homepage.
   - BlogPost Component: Display individual blog post content.

6. Pages:
   - Homepage (`index.js`): Display the list of blog posts with titles and summaries.
   - Blog Post Page (`[slug].js`): Display the full content of the blog post based on the slug.

7. Styling:
   - Use CSS modules or styled-components for styling.
   - Ensure the site is responsive and user-friendly.

8. Additional Features (Bonus):

- Implement a search functionality to filter blog posts.

Deliverables:

1. Source Code:
   - A GitHub repository with the complete source code.
   - Properly structured and documented code.

2. Documentation:
   - Instructions on how to set up and run the project locally.
   - Brief explanation of the project structure and key components.

3. Demo:
   - A live demo link (e.g., Vercel, Netlify).

Evaluation Criteria:

1. Code Quality:
   - **Clean, readable, and maintainable code.**

2. Functionality:
   - **Correct implementation of `getStaticProps` and `getStaticPaths`.**
   - **Proper rendering of Markdown content.**

3. User Interface:
   - **Aesthetic and responsive design.**
   - **Intuitive navigation and user experience.**

Example Markdown File (`content/posts/sample-post.md`):
```markdown
---
title: "Sample Blog Post"
date: "2024-05-01"
author: "John Doe"
summary: "This is a sample blog post for the Next.js assignment."
---

Sample Blog Post
```

This is the content of the sample blog post. It supports Markdown syntax.
```