# BLOG-APP

Welcome to the **Content Management System (CMS)** project documentation. This application is designed to facilitate the seamless management of website content, allowing administrators to efficiently add, edit, and delete headings and body text. With the CMS, admins can maintain and update website content with ease, ensuring a dynamic and up-to-date online presence. This documentation will guide you through the application's features, setup, and usage to help you maximize its capabilities.

I have built a fully functioning blog using Node.js, Express, and MongoDB. This blog application is designed to provide a robust and efficient platform for managing and sharing content. Below is a detailed overview of the project's features, setup, and usage.
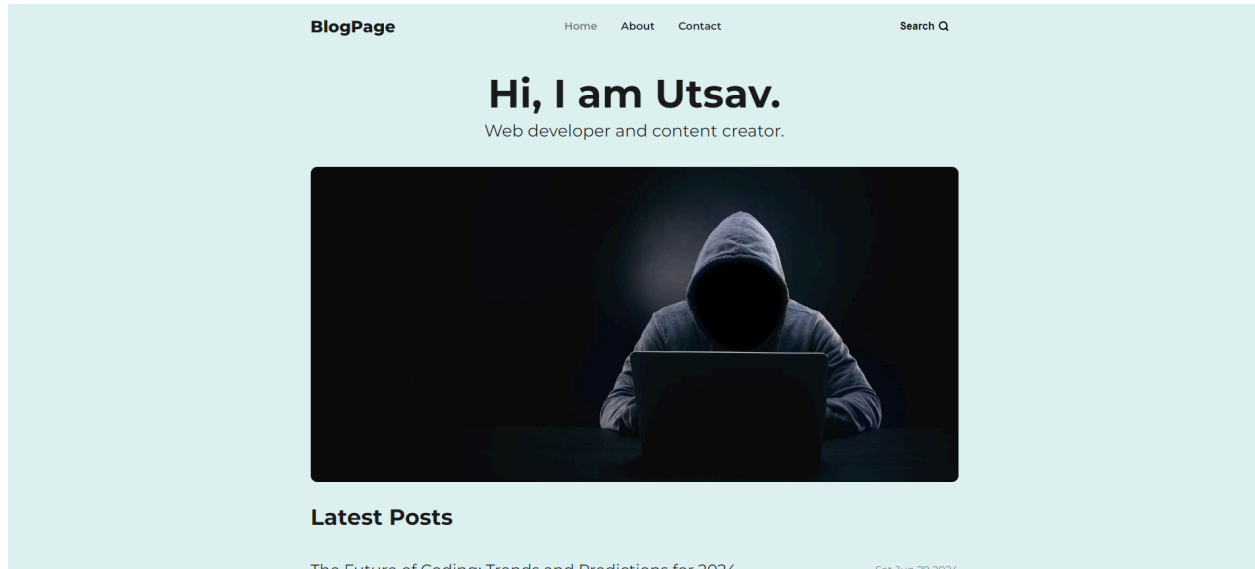
**Features**

- Content Management: Admins can easily add, edit, and delete blog posts, ensuring that content remains current and relevant.
- User Authentication: Secure login and registration system to protect the integrity of the content.
- Responsive Design: Optimized for various devices to provide a seamless user experience.
- Comment System: Engage readers by allowing them to comment on blog posts.
- Search Functionality: Users can search for specific blog posts using keywords.
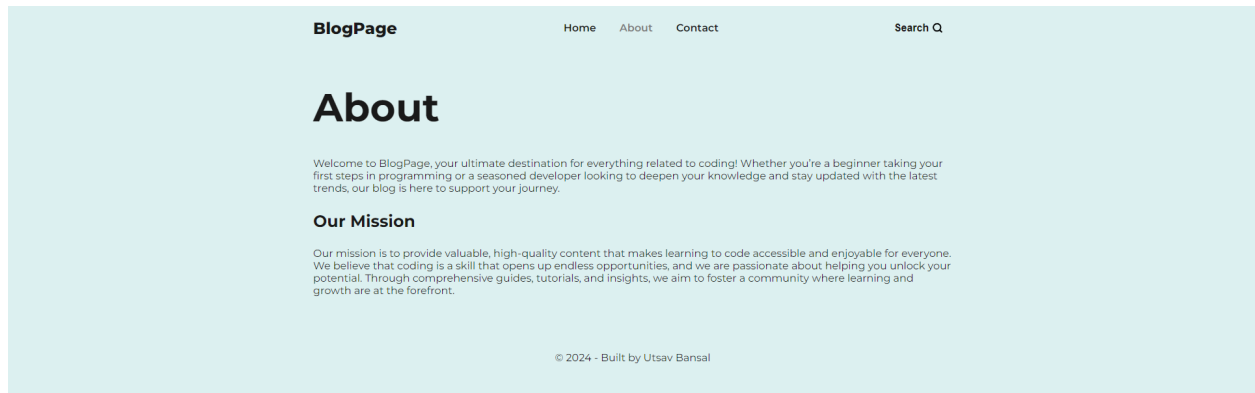
**Technologies Used**

- Node.js: Provides the server-side runtime environment for building the application.
- Express: A web application framework for Node.js, used to build the blog's backend and manage server requests.
- MongoDB: A NoSQL database used to store blog posts, user information, and comments.

**Github Link: https://github.com/iutsavbansal/CMS.git**

**Home Page:** The home page includes a header, footer, an introduction about the author, and the latest blog posts.



**About Page:** The About page contains information about the BlogPage.

**Latest Posts:** The Latest Post section on the home page displays the 10 most recent posts. You can view the remaining posts by clicking "View Older Posts".

**Latest Posts**

| | |
|---|---|
| The Future of Coding: Trends and Predictions for 2024 | Sat Jun 29 2024 |
| Effective Debugging Techniques for Software Developers | Sat Jun 29 2024 |
| Web Development 101: HTML, CSS, and JavaScript Basics | Sat Jun 29 2024 |
| Demystifying Machine Learning: A Practical Introduction | Sat Jun 29 2024 |
| Exploring the World of Open Source: How to Get Involved | Sat Jun 29 2024 |
| Understanding Algorithms: A Beginner's Guide | Sat Jun 29 2024 |
| Building Your First Mobile App with React Native | Sat Jun 29 2024 |
| The Ultimate Guide to Version Control with Git and GitHub | Sat Jun 29 2024 |
| Top 10 JavaScript Frameworks You Need to Know in 2024 | Sat Jun 29 2024 |
| Mastering Python: A Comprehensive Guide for Beginners | Sat Jun 29 2024 |

< View Older Posts

**Post-Content Page:** Clicking the link of any post above will redirect you to the post page, where you can view the entire post content.

**BlogPage**          Home     About     Contact                Search Q

# Top 10 JavaScript Frameworks You Need to Know in 2024

JavaScript frameworks are essential tools for web development, offering reusable code and streamlined processes. In this post, we explore the top 10 JavaScript frameworks of 2024, including React, Angular, Vue.js, and others. We'll discuss their unique features, use cases, and why they stand out in the ever-evolving web development landscape.

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**Admin Panel**

**Sign-In Page:** Admin can sign in through this using valid credentials

**Admin Panel**     Home     About     Contact                    Logout

**Sign In**

Username
Enter Username

Password
Enter Password

Login

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**Admin Dashboard:** After a successful sign-in, the admin will be redirected to the dashboard page, where they can view their posts, add new posts, and edit or delete existing posts.

**Admin Panel**     Home     About     Contact                    Logout

**Posts**                                              + Add New

Understand how to work with MongoDB and Mongoose ↗           Edit   Delete

Mastering Python: A Comprehensive Guide for Beginners ↗      Edit   Delete

Top 10 JavaScript Frameworks You Need to Know in 2024 ↗      Edit   Delete

The Ultimate Guide to Version Control with Git and GitHub ↗  Edit   Delete

Building Your First Mobile App with React Native ↗           Edit   Delete

Understanding Algorithms: A Beginner's Guide ↗              Edit   Delete

Exploring the World of Open Source: How to Get Involved ↗    Edit   Delete

Demystifying Machine Learning: A Practical Introduction ↗    Edit   Delete

Web Development 101: HTML, CSS, and JavaScript Basics ↗      Edit   Delete

Effective Debugging Techniques for Software Developers ↗     Edit   Delete

The Future of Coding: Trends and Predictions for 2024 ↗      Edit   Delete

**Add New Post:** Admin can add new posts by this page.

← Back

## Add New Post

**Title**

Post Title

**Content**

Add

**View/Edit Post Page:** Admin can edit any existing post using this page.

← Back

## View / Edit Post

Delete

**Title**

Mastering Python: A Comprehensive Guide for Beginners

**Content**

Python is one of the most popular programming languages today, known for its simplicity and versatility. This blog post is a complete guide for beginners, covering everything from installation and basic syntax to advanced concepts like object-oriented programming and libraries. Whether you're new to coding or looking to switch languages, this guide will help you get started with Python and build a strong foundation.

Update