

Blog Application with Node & Express

Video Link: <https://youtu.be/nGKhXGWZU98>

Node.js is a platform for building the IO applications which are server-side event-driven and made using JavaScript. Express.js is **a framework based on** Node.js for which is used for building web-application using approaches and principles of Node. It simplifies the server creation process that is already available in Node. In case you were wondering, Node allows you to use JavaScript as your server-side language.

MongoDB is a database. This is the place where you store information for your websites (or applications).

What you will learn

- The basics of HTML and CSS
- Basics of Node and Express
- Basics of MongoDB and Mongoose
- CRUD operations
- REST APIs
- Authentication and Validation (Advance Phase)

Resources to get started

We'll create a WhatsApp group where we'll provide more resources and answer your doubts. But here are some resources for you to get started

Node installation

<https://nodejs.org/en/>

MongoDB windows installation

<https://zarkom.net/blogs/how-to-install-mongodb-for-development-in-windows-3328>

MongoDB Mac OS installation

<https://docs.mongodb.com/manual/tutorial/install-mongodb-on-os-x/>

Node basics

<https://www.youtube.com/watch?v=BLI32FvcdVM>

Express Basics

https://www.youtube.com/watch?v=7H_QH9nipNs

MongoDB basics

<https://www.youtube.com/watch?v=oSlv-E60NiU>

HTML/CSS/JS basics

<https://www.w3schools.com/>

<https://javascript.info/>

Node, Express and Mongo all in one

<https://www.youtube.com/watch?v=W1Kttu53qTg>

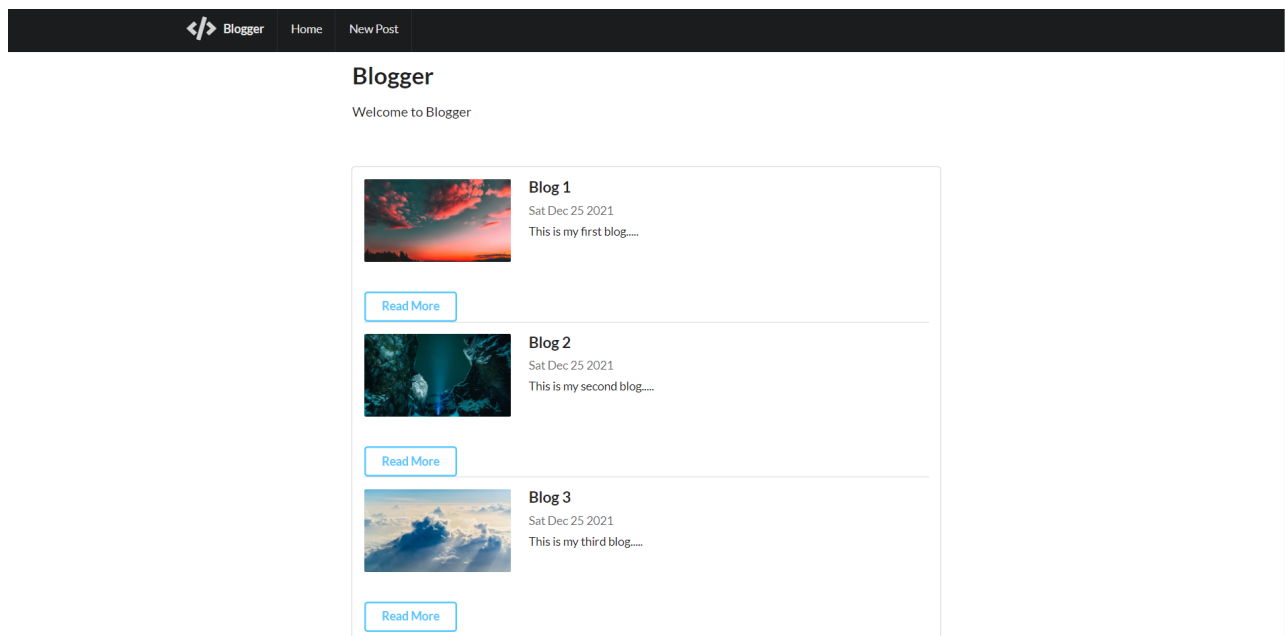
Feature Checkpoints

Checkpoint 1

Create a basic template for the 'home' page, 'view' page and 'New blog' page for your Blog application.

Here are a few images for your reference. You can style it anyhow as per your own choice

Home Page



View Page

Blog 1



Sat Dec 25 2021
This is my first blog.

[Edit](#)[Delete](#)

New Blog Page

Checkpoint 2

Create/view blog (save in the database/ persistent storage)

Checkpoint 3

Update/Delete blog(from the database/ REST APIs)

Checkpoint 4

User Login/sign up (Authorization)

Checkpoint 5

Validation And Authentication

Mentors

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Happy developing :)