

# Blog Web App — Node.js + Express + EJS

A minimal blog-style web application built using **Node.js**, **Express.js**, and **EJS**. Users can create, view, edit, and delete posts. No database is used; all posts are stored in memory during runtime. Includes responsive styling for a smooth user experience.

## Features

- **Create Posts** – Users can submit new blog posts.
- **View Posts** – All posts are displayed on the home page.
- **Edit & Delete Posts** – Users can update or remove existing posts.
- **Responsive UI** – Styled with CSS to look good on both desktop and mobile.

## Technologies Used

- **Node.js** – Server-side environment
- **Express.js** – Routing and server logic
- **EJS** – Template engine for dynamic HTML
- **CSS** – Styling and layout

## Guide for development

### Views (EJS Templates)

- All UI templates are located in the **/views** directory
- Create or modify EJS files such as:

- `index.ejs` — home page showing posts
- `addpost.ejs` — form to create new posts
- `readpost.ejs` — form to view existing posts

## Routes

- All routes are defined in the **`/routes`** directory
- Routes include:
  - GET home page
  - POST create a post
  - GET edit page
  - POST update post
  - POST delete post

## Controllers (Optional if project is small)

- Contains logic for:
  - Adding new posts
  - Updating a post
  - Deleting a post
  - Rendering pages with EJS

## Styles

- All styling is located in **`/public/styles.css`**

- Add responsive layout for both desktop and mobile
- Customize typography and spacing for a clean reading experience

## How to Run

1. Install dependencies:

```
npm install
```

2. Start the server:

```
node index.js
```

3. Open in browser:

```
http://localhost:3000
```

## Notes

- Posts do **not** persist; restarting the server resets all data.
- Ideal starter project for learning Express.js + EJS + basic routing flow.