# World Wave – Blog Platform Documentation

## **Project Overview**

**World Wave** is a modern, scalable blogging platform built with the **MERN stack** (MongoDB, Express, React, Node.js). It allows users to create posts, comment on articles, and engage with a global community. The platform emphasizes simplicity, speed, and responsiveness.

### **Key Features**

- Create and share posts
- Comment on articles and join discussions
- Discover content from diverse authors
- Responsive design for desktop and mobile
- Fast performance powered by React & Node.js
- Secure authentication and scalable architecture

#### **Tech Stack**

- Frontend: React, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js
- Database: MongoDB (NoSQL)
- Authentication: JWT (JSON Web Token)
- Styling: CSS modules, responsive design

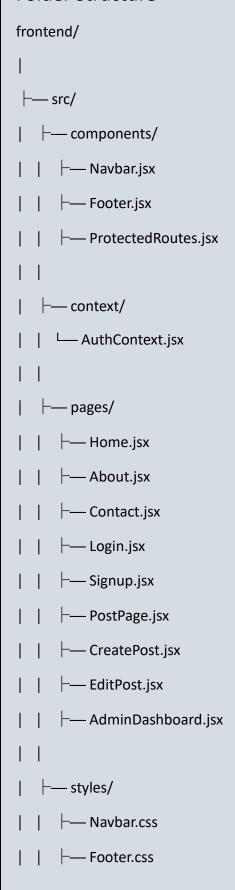
## **Backend Structure**

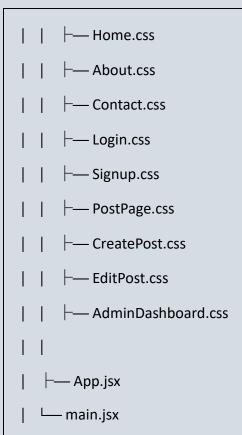
#### Folder Structure

```
backend/
├— controllers/
   ├— authController.js
  ├— postController.js
   └─ commentController.js
├— middleware/
  └─ auth.js
├— models/
  ├— User.js
   ├— Post.js
  └─ Comment.js
├— routes/
  ├— authRoutes.js
   ├— postRoutes.js
  └─ commentRoutes.js
  — .env
├— db.js
└─ server.js
```

## **Frontend Structure**

#### Folder Structure





## **Environment & Setup**

- 1. Clone the repository.
- 2. Navigate to backend/:

Required Things Install the dependencies

Run Nodemon server.js

3. Navigate to frontend/:

Required Things Install Dependencies

Run npm run dev

#### I Have Created 3 roles

- 1) Super Admin
- 2) Admin
- 3) Normal User

So the Information of the Super Admin is Defined in the code you just need to Login with this information so a Super Admin can be able to make admin update and delete

Information of Super Admin for Login

Username = superadmin & Password = supersecret123