

# World Wave – Blog Platform

## Documentation

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### 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
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# 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

frontend/

|

└─ src/

| └─ components/

| | └─ Navbar.jsx

| | └─ Footer.jsx

| | └─ ProtectedRoutes.jsx

| |

| └─ context/

| | └─ AuthContext.jsx

| |

| └─ pages/

| | └─ Home.jsx

| | └─ About.jsx

| | └─ Contact.jsx

| | └─ Login.jsx

| | └─ Signup.jsx

| | └─ PostPage.jsx

| | └─ CreatePost.jsx

| | └─ EditPost.jsx

| | └─ AdminDashboard.jsx

| |

| └─ styles/

| | └─ Navbar.css

| | └─ Footer.css

```
| | └─ Home.css
| | └─ About.css
| | └─ Contact.css
| | └─ Login.css
| | └─ Signup.css
| | └─ PostPage.css
| | └─ CreatePost.css
| | └─ EditPost.css
| | └─ AdminDashboard.css
| |
| └─ App.jsx
| └─ main.jsx
```

## 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