**🧩 Frontend Architecture (React)**

**🔧 Tech Stack**

* **React.js** – For building UI components
* **Axios** – For API calls to the backend
* **React Router** – For page navigation
* **Bootstrap + Material UI** – For styling and layout
* **Moment.js** – For date and time formatting

**🧱 Main Components**

| **Component** | **Purpose** |
| --- | --- |
| **Header / Footer** | Common layout for all pages |
| **Login / Register** | User authentication |
| **RenterDashboard** | Shows property listings and booking status |
| **OwnerDashboard** | Manage owner’s properties and renter requests |
| **AdminDashboard** | Approve owners, monitor platform |
| **PropertyCard** | Shows basic info of a rental property |
| **PropertyDetailPage** | Full property details + inquiry form |
| **FilterPanel** | Search by location, price, etc. |
| **BookingForm** | Submit booking requests |
| **ChatBox** | In-app messaging (renter ↔ owner) |