# Sportradar Frontend Coding Exercise – Starter Guide

This guide outlines the recommended setup and starter code for completing the Sportradar Coding Academy Frontend Exercise. It includes framework recommendations, setup commands, and a React + Vite + Tailwind project structure to accelerate development.

Recommended Framework: **React + Vite + Tailwind CSS**
This stack offers fast setup, easy responsiveness, and a clear component structure. Ideal for rapid development and clean UI implementation.

```
Project Setup Commands npm create vite@latest sportradar-fe --template react cd
sportradar-fe npm install npm install -D tailwindcss postcss autoprefixer npx
tailwindcss init -p npm install react-router-dom
```

```
Recommended File Structure sportradar-fe/ ■■■ public/ ■ ■■■ events.json ■■■
src/ ■ ■■■ components/ ■ ■ ■■■ Calendar.jsx ■ ■ ■■■ EventCard.jsx ■ ■ ■■■
AddEventForm.jsx ■ ■■■ pages/ ■ ■ ■■■ CalendarPage.jsx ■ ■ ■■■
EventDetailPage.jsx ■ ■ ■■■ AddEventPage.jsx ■ ■■■ App.jsx ■ ■■■ main.jsx ■
■■■ index.css ■ ■■■ utils/ ■ ■■■ dateUtils.js ■■■ README.md
```

Key Components Overview **App.jsx** – Sets up routes and navigation bar. **CalendarPage.jsx** – Displays calendar view with events. **AddEventForm.jsx** – Handles runtime event creation. **EventDetailPage.jsx** – Shows full event details when clicked.

```
Run the App npm run dev Then open your browser at http://localhost:5173 to view
the app.
```