

Here's a clean **step-by-step setup for React + Vite + Card example (App.jsx)** from scratch.

☐ 1. Create React project with Vite

Open terminal and run:

```
npm create vite@latest my-card-app
```

Then choose:

- Framework: **React**
 - Variant: **JavaScript**
-

☐ 2. Go into project folder

```
cd my-card-app
```

☐ 3. Install dependencies

```
npm install
```

▶☐ 4. Run the project

```
npm run dev
```

Now open the URL shown in terminal (usually):

```
http://localhost:5173
```

1. Project structure (after setup)

```
src/  
├── components/  
│   └── Card.jsx  
├── App.jsx  
├── App.css  
└── main.jsx
```

□ 2. Create Card component (separate file)

□ **src/components/Card.jsx**

```
import React from "react";  
  
export default function Card({ title, description, image }) {  
  return (  
    <div className="card">  
      <img src={image} alt={title} className="card-image" />  
  
      <div className="card-content">  
        <h2>{title}</h2>  
        <p>{description}</p>  
        <button className="card-button">Learn More</button>  
      </div>  
    </div>  
  );  
}
```

□ 3. Use Card in App.jsx

□ **src/App.jsx**

```
import React from "react";
import "./App.css";
import Card from "../components/Card";

export default function App() {
  return (
    <div className="app">
      <h1>React + Vite Card Example</h1>

      <div className="card-container">
        <Card
          title="Beautiful Mountain"
          description="A scenic mountain view during sunset."
          image="https://images.unsplash.com/photo-1501785888041-af3ef285b470"
        />

        <Card
          title="City Lights"
          description="Night skyline of a glowing city."
          image="https://images.unsplash.com/photo-1493244040629-496f6d136cc3"
        />
      </div>
    </div>
  );
}
```

□ 4. CSS

□ **src/App.css**

```
.app {
  text-align: center;
  font-family: Arial, sans-serif;
  padding: 20px;
}

.card-container {
  display: flex;
  justify-content: center;
  gap: 20px;
  flex-wrap: wrap;
  margin-top: 20px;
}

.card {
```

```
width: 260px;
border-radius: 12px;
overflow: hidden;
background: #fff;
box-shadow: 0 4px 10px rgba(0,0,0,0.2);
transition: transform 0.3s ease;
}

.card:hover {
  transform: scale(1.05);
}

.card-image {
  width: 100%;
  height: 160px;
  object-fit: cover;
}

.card-content {
  padding: 15px;
}

.card-button {
  margin-top: 10px;
  padding: 8px 12px;
  border: none;
  background: #007bff;
  color: white;
  border-radius: 6px;
  cursor: pointer;
}
```