

How to run the Spotify-clone project — Step-by-step

> This document explains how to run the project locally (backend + frontend), common fixes, and includes sample screenshots.

Prerequisites

- Node.js (LTS recommended)
- npm or yarn
- MongoDB (local or Atlas)
- Git
- Basic command-line familiarity

Project layout (example)

```
/spotify-clone
/backend
server.js
package.json
.env.example
routes/
models/
/frontend
package.json
src/
```

1) Clone the repository

```
git clone <repo-url>
cd spotify-clone
```

2) Backend setup

1. Change into backend folder:

```
cd backend
```

2. Copy example env and edit:

```
cp .env.example .env
```

Edit .env and set at least:

MONGO_URI=your-mongodb-uri

JWT_SECRET=someStrongSecret

PORT=5000

3. Install dependencies and start:

```
npm install
```

for development (uses nodemon if configured)

```
npm run dev
```

or

```
node server.js
```

4. Confirm backend is running (console will usually show the port).

3) Frontend setup (React)

1. In a new terminal:

```
cd frontend
```

```
npm install
```

2. Configure API URL (if your frontend uses env vars):

- Create `.env` or `.env.local` and add:

```
REACT_APP_API_URL=http://localhost:5000/api
```

or whatever your backend base URL is

3. Start frontend:

