Job Application AI - Setup Guide

This project helps applicants apply for jobs using AI-powered resume analysis. Follow these steps to run the application locally.

Backend (Node.js + Express)

Step 1: Install Node.js

Make sure you have **Node.js** installed. You can download it from:
🔗 https://nodejs.org/

Step 2: Extract and Navigate to Backend

Unzip the project folder and open a terminal in the `backend` directory:

cd backend

Step 3: Install Dependencies

Run the following command to install required packages:

npm install express cors body-parser openai dotenv

Step 4: Set Up OpenAI API Key

Create a `.env` file in the `backend` folder and add:

OPENAI_API_KEY=your_openai_api_key

(Replace `your_openai_api_key` with your actual OpenAI API key.)

Step 5: Start the Server

Run the backend server:

node server.js

It should say:

Server running on http://localhost:5000

Frontend (React App)

Step 1: Navigate to Frontend

Open a new terminal and move to the `frontend` folder:

cd frontend

Step 2: Install Dependencies

Run:

npm install

Step 3: Set Up Firebase Authentication

1. Go to Firebase Console
2. Create a new Firebase project
3. Enable **Google Authentication** in Firebase Authentication
4. Copy Firebase config and replace the values in `JobApplication.js`

```
const firebaseConfig = {
  apiKey: "YOUR_API_KEY",
  authDomain: "YOUR_AUTH_DOMAIN",
  projectId: "YOUR_PROJECT_ID",
  storageBucket: "YOUR_STORAGE_BUCKET",
  messagingSenderId: "YOUR_MESSAGING_SENDER_ID",
  appId: "YOUR_APP_ID"
};
```

Step 4: Start the Frontend

Run:

npm start

This will start the React app at:
🔗 **http://localhost:3000**

Now you can:

Login with Google
Paste a resume and get AI-powered suggestions
Apply for jobs using AI assistance