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const express = require("express");
const bodyParser = require("body-parser");
const cors = require("cors");
const { Configuration, OpenAIApi } = require("openai");

const app = express();
app.use(bodyParser.json());
app.use(cors());

const configuration = new Configuration({
  apiKey: process.env.OPENAI_API_KEY,
});
const openai = new OpenAIApi(configuration);

app.post("/chat", async (req, res) => {
  try {
    const { message } = req.body;

    const completion = await openai.createChatCompletion({
      model: "gpt-3.5-turbo",
      messages: [{ role: "user", content: message }],
    });

    res.json({ reply: completion.data.choices[0].message.content });
  } catch (error) {
    console.error("Error:", error.message);
    res.status(500).json({ error: "Failed to connect to OpenAI" });
  }
});

app.listen(8080, () => {
  console.log("Server is running on port 8080");
});
```