

```
const express = require('express');
const bodyParser = require('body-parser');
const axios = require('axios');
const OpenAI = require('openai');

const app = express();
const port = 3000;

app.use(bodyParser.json());

const openai = new OpenAI({
  apiKey: 'YOUR_OPENAI_API_KEY'
});

app.post('/chat', async (req, res) => {
  const userMessage = req.body.message;

  try {
    const response = await
openai.completions.create({
      model: 'text-davinci-003',
      prompt: userMessage,
```

```
    max_tokens: 150  
  });
```

```
    const botMessage =  
response.data.choices[0].text.trim();  
    res.json({ message: botMessage });  
  } catch (error) {  
    console.error(error);  
    res.status(500).json({ message:  
'Internal server error' });  
  }  
});
```

```
app.listen(port, () => {  
  console.log(`Server running at http://  
localhost:${port}`);  
});
```