## Integrate NodeJS with Gemini API's.

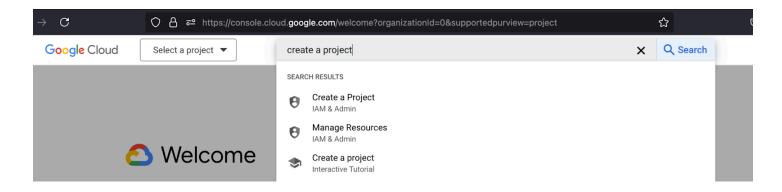
Source: <a href="https://ai.google.dev/gemini-api/docs/text-generation?lang=node">https://ai.google.dev/gemini-api/docs/text-generation?lang=node</a>

## **Get Gemini API Key**

Source: <a href="https://aistudio.google.com/">https://aistudio.google.com/</a>

## How to Create a Project in Google

Source: https://console.cloud.google.com



## Generate text using the Gemini API

The simplest way to generate text using the Gemini API is to provide the model with a single text-only input, as shown in this example:

```
const gemini_api_key = process.env.API_KEY;
const googleAI = new GoogleGenerativeAI(gemini_api_key);
const geminiModel = googleAI.getGenerativeModel({
    model: "gemini-1.5-flash",
});

var question = "what is the value of pie in maths ?";
const generate = async (question) => {
    try {
      const prompt = question;
      const result = await geminiModel.generateContent(prompt);
      const response = result.response;
      console.log(response.text());
```

• Dependencies we need in our projects

```
const { GoogleGenerativeAI } = require("@google/generative-ai");
require('dotenv').config();
const express = require('express')
const axios = require('axios')
const multer = require('multer');
const bodyParser = require('body-parser');
const fs = require('fs')
const path = require('path');
const app = express()
const port = process.env.PORT || 3000
app.use(bodyParser.json());
app.use(express.json())
app.get('/', (req, res) => {
    res.send('Hello World!')
})
```