

Enhancing Web Projects with Gemini AI and Vite

Presentation Curated by Shivam Kumar

What is Gemini AI?



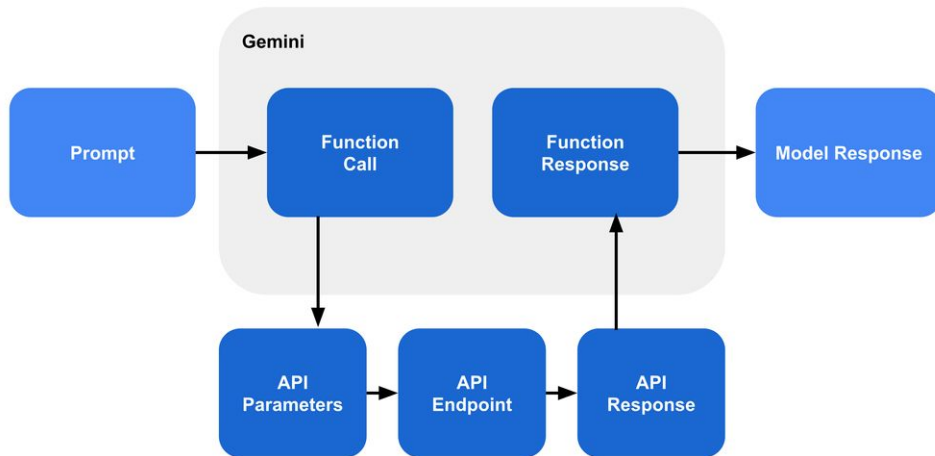
Gemini AI is a **next-generation multimodal AI** developed by Google DeepMind. It can understand and process **text, images, videos, audio, and code** within a single model.

Google Gemini Versions & Their Use Cases in Web Projects

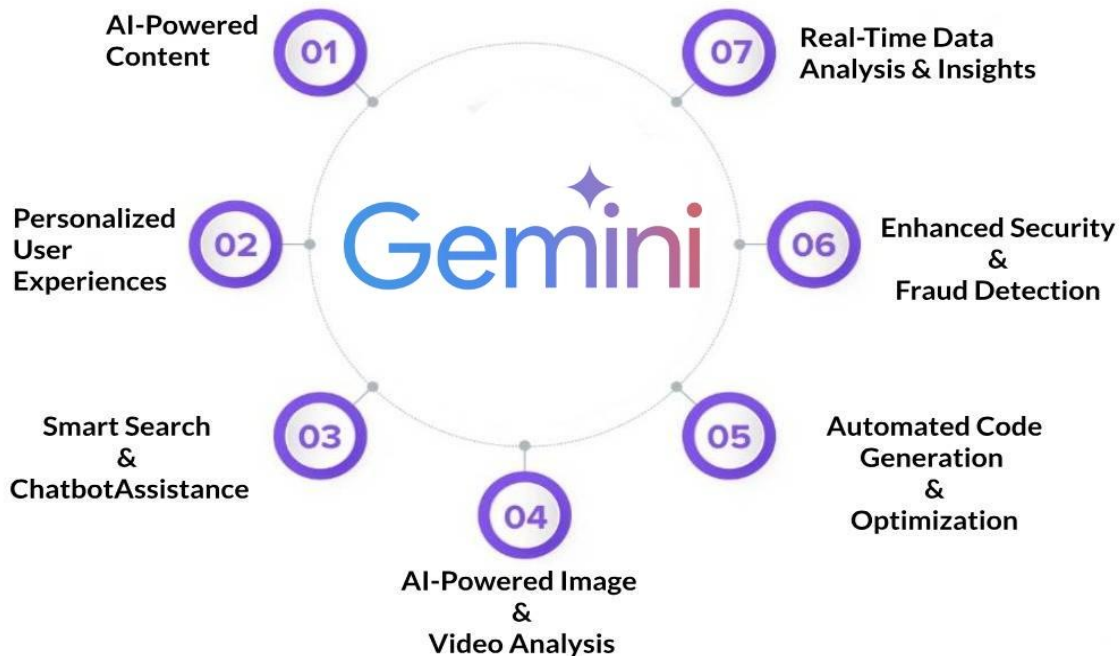


Architecture and Working of Gemini AI

Gemini AI is built upon a **modular and function-driven** architecture that enables interaction with external APIs, integrating structured data into AI responses.



Benefits of Gemini AI in Web Projects



Integrating Gemini AI into a Web Project



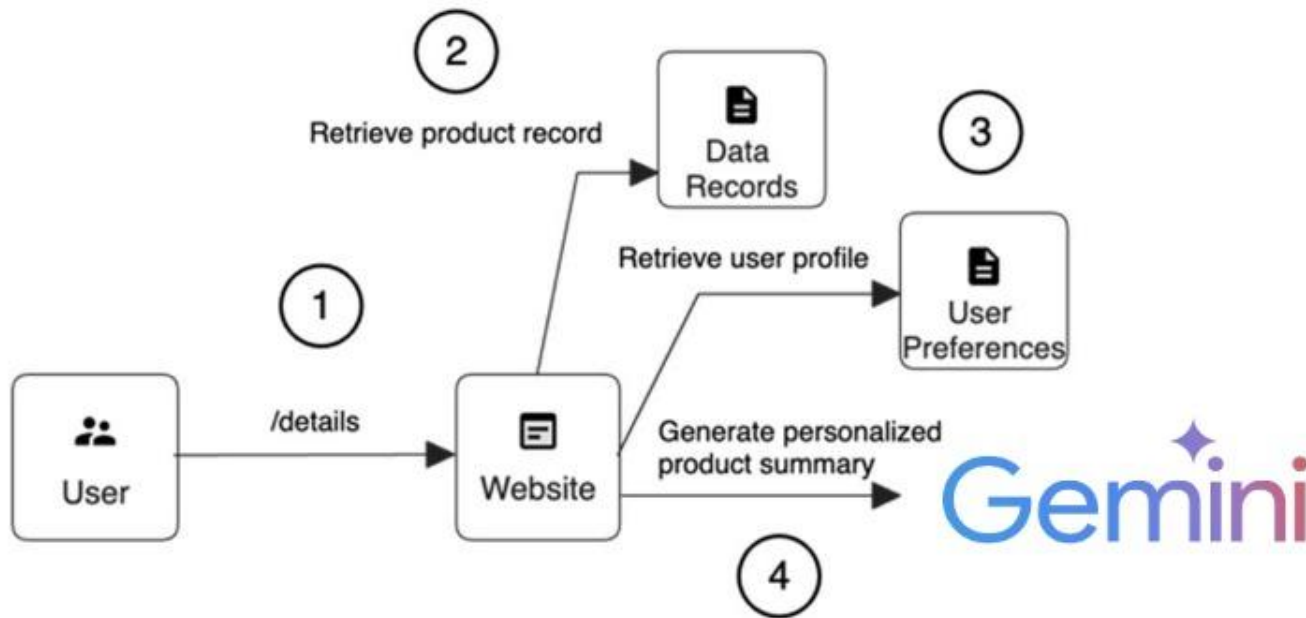
To integrate **Gemini AI** into your project, you can use **API calls** to send prompts and receive AI-generated responses.

```
const axios = require('axios');
require('dotenv').config();

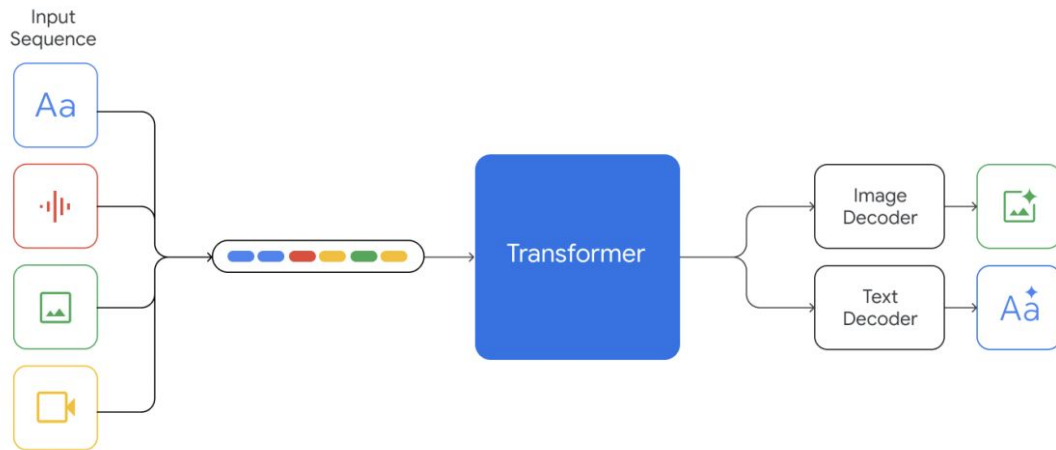
async function getGeminiResponse(prompt) {
  try {
    const response = await axios.post(
      'https://api.google.com/gemini',
      { prompt: prompt },
      { headers: { 'Authorization': `Bearer ${process.env.API_KEY}` } }
    );
    console.log(response.data);
  } catch (error) {
    console.error("Error fetching response:", error);
  }
}

getGeminiResponse("Hello, Gemini!");
```

Get Personalized Response



AI-Driven Image & Video Analytics



AI-powered analytics use computer vision and deep learning to extract meaningful insights from images and videos. It enables automatic detection of objects, faces, text, and patterns.

Integrating Gemini AI with Frameworks



Integrating Gemini AI into web projects demands a fast, scalable stack. **Vite and Tailwind CSS** offer an efficient environment for seamless AI integration.

TAILWIND CSS

POSTCSS & VITE



Let's Integrate Gemini AI Now!