

MOCK SERVİSLER && YAPAY ZEKA



Mockingbird

Taklitçi Kuş(Alaycı Kuş), kendi türü de dahil olmak üzere yirmi ve daha fazla kuş türünün seslerini yüksek seste arka arkaya tekrar edebilen Mimidae ailesine ait bir kuş türüdür.



Ekip Üyeleri

ÖMER ÇANGA
&
SEVİL ALTUNBAŞ

Mock Servisler && Yapay Zeka

- Mock servisler
 - Backend Mock Araçları
 - Frontend Mock Araçları
- Vibe Coding
 - En Çok kullanılan vibe coding araçları
 - Cursor ile yapay zeka destekli kod geliştirme
 - Mock servislerle örnek kodlama

JSON Server



Mock Server

MockServer

Easy mocking of any system you integrate with via HTTP or HTTPS

Postman



WireMock



Castle Mock



JSON Server



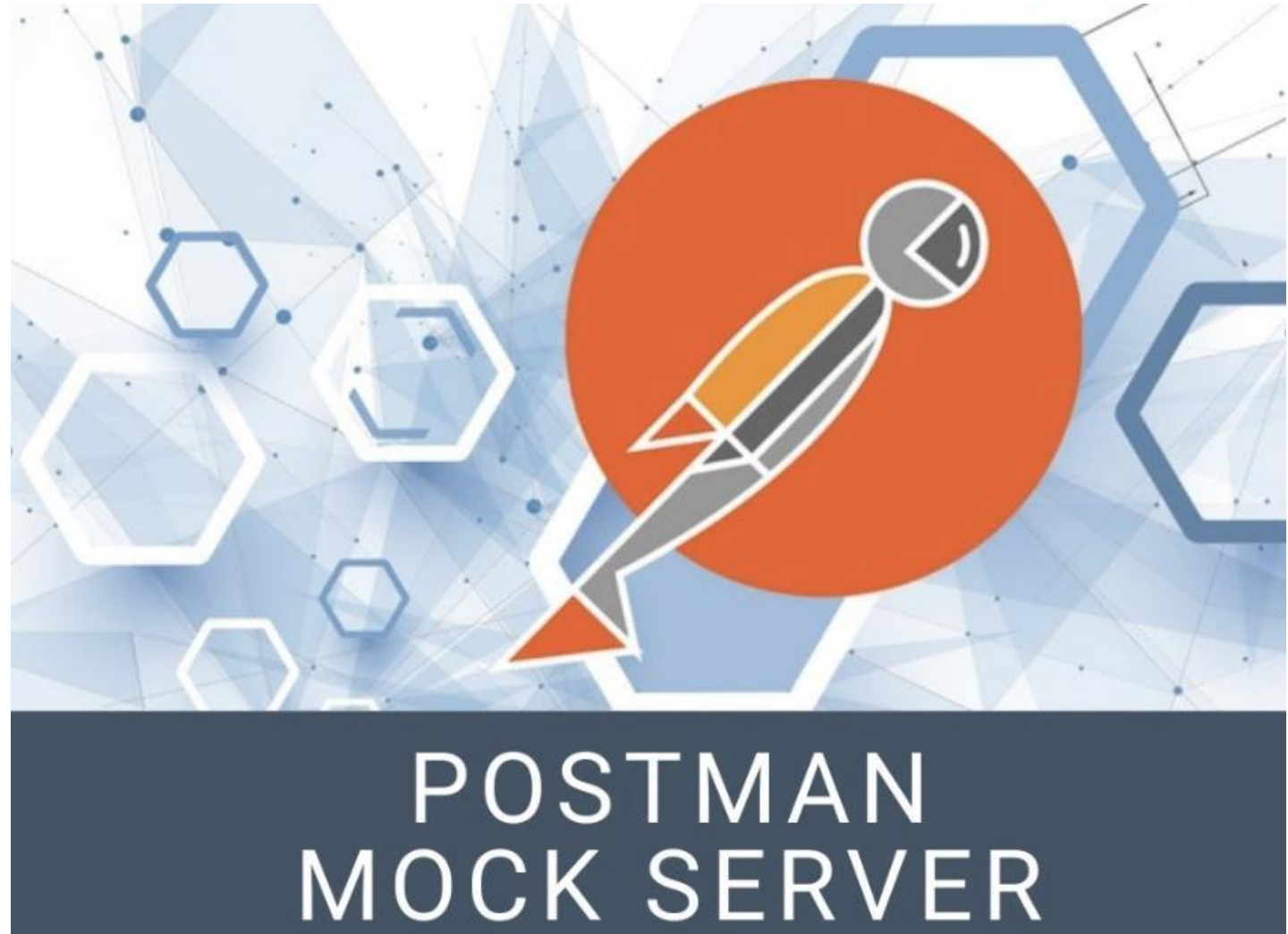
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Postman



WireMock



Castle Mock



CASTLE MOCK

Mock REST APIs & SOAP web-services

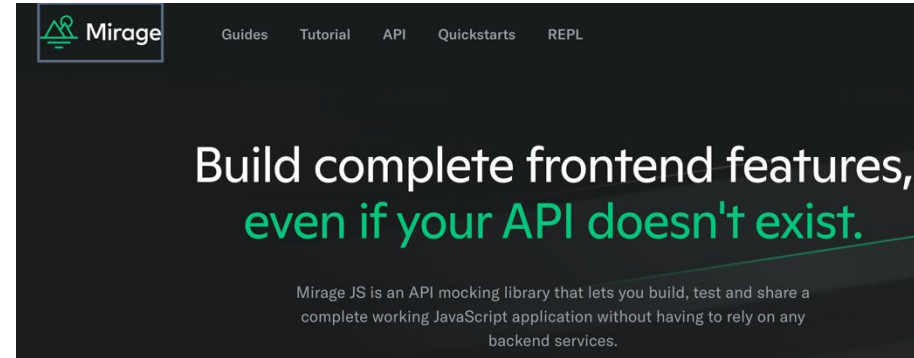
Fakerjs

Miragejs

Mock Axios

Faker

Generate massive amounts of fake (but realistic) data for testing and development.

[Get Started](#)[Browse API](#)[View on GitHub](#)

axios/moxios

Mock axios requests for testing



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Miragejs



Mirage

[Guides](#)

[Tutorial](#)

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Build complete frontend features, even if your API doesn't exist.

Mirage JS is an API mocking library that lets you build, test and share a complete working JavaScript application without having to rely on any backend services.



Mock Axios

axios/moxios

Mock axios requests for testing



Hangi Araç Hangi Durumda Mantikli ?

Araç	Kullanım Amacı	Kullanıcı Seviyesi
Postman Mock Server	Hızlı ve kolay mock API oluşturma, frontend geliştirme	Başlangıç
WireMock	Gelişmiş HTTP testleri, hata senaryoları, Java projeleri	Orta-İleri
MockServer	Microservice testleri, CI/CD entegrasyonu, stateful mock API	İleri
JSON Server	Basit ve hızlı mock API, frontend geliştirme	Başlangıç
Castle Mock	Java projelerinde REST ve SOAP API'leri test etme	Orta-İleri
Faker.js	Sahte verilere ihtiyacınız varsa ancak API simülasyonuna gerek yoksa	Başlangıç
Mirage.js	Kapsamlı bir çözüm sunar. REST API'lerini simüle ederek sahte sunucular oluşturmanıza imkan tanır. Gelişmiş simülasyon yetenekleri ile birlikte gelir ve CRUD işlemlerini destekler	Orta-İleri
Mock Axios	Mevcut Axios uygulamalarındaki HTTP isteklerini simüle etmek için mükemmel bir çözümdür.	Orta-İleri

Wiremock Faker Extension ile Rastgele Veri Üretme

```
{
  "request" : {
    "urlPathTemplate": "/user/getRandomUserById/{id}",
    "method" : "GET",
    "pathParameters" : {
      "id" : {
        "matches": ".*([a-zA-Z0-9]).*"
      }
    }
  },
  "response" : {
    "status" : 200,
    "fixedDelayMilliseconds": 5000,
    "jsonBody":{
      "id": "{{request.path.id}}",
      "name": "{{ random 'Name.name' }}",
      "username": "{{ random 'Name.username' }}",
      "email": "{{ random 'Internet.emailAddress' }}",
      "address": {
        "street": "{{ random 'Address.streetName' }}",
        "suite": "{{ random 'Address.buildingNumber' }}",
        "city": "{{ random 'Address.cityName' }}",
        "zipcode": "{{ random 'Address.zipCode' }}",
        "geo": {
          "lat": "{{ random 'Address.latitude' }}",
          "lng": "{{ random 'Address.longitude' }}"
        }
      },
      "phone": "{{ random 'PhoneNumber.phoneNumber' }}",
      "website": "{{ random 'Internet.url' }}",
      "company": {
        "companyId": "{{randomValue length=5 type='NUMERIC'}}",
        "name": "{{ random 'Company.name' }}",
        "catchPhrase": "{{ random 'Company.catchPhrase' }}",
        "bs": "{{ random 'Company.bs' }}"
      }
    },
    "transformers": ["response-template"],
    "headers": {
      "Content-Type": "application/json"
    }
  }
}
```



Faker Rastgele Data Üretimi

```
<script type="module">
  import { faker } from 'https://esm.sh/@faker-js/faker';

  // Caitlyn Kerluke
  const randomName = faker.person.fullName();

  // Rusty@arne.info
  const randomEmail = faker.internet.email();

  document.getElementById('name').value = randomName;
  document.getElementById('email').value = randomEmail;
</script>

<input id="name" />
<input id="email" />
```

Castle Mock Kullanımı

Örnek WSDL Dosyası:

```
<definitions xmlns="http://schemas.xmlsoap.org/wsdl/">
  <message name="GetUserRequest">
    <part name="userId" type="xsd:string"/>
  </message>
  <portType name="UserServicePortType">
    <operation name="getUser">
      <input message="tns:GetUserRequest"/>
      <output message="tns:GetUserResponse"/>
    </operation>
  </portType>
  <binding name="UserServiceBinding" type="tns:UserServicePortType">
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http"/>
    <operation name="getUser">
      <soap:operation soapAction="urn:getUser"/>
    </operation>
  </binding>
  <service name="UserService">
    <port name="UserServicePort" binding="tns:UserServiceBinding">
      <soap:address location="http://localhost:8080/castlemock/userSer">
    </port>
    </service>
  </definitions>
```

Örnek Swagger Dosyası (YAML):

```
swagger: "2.0"
info:
  description: "User API"
  version: "1.0.0"
  title: "User Service"
paths:
  /users/{userId}:
    get:
      summary: "Get user by ID"
      parameters:
        - name: "userId"
          in: "path"
          required: true
          type: "string"
      responses:
        200:
          description: "User found"
          schema:
            $ref: "#/definitions/User"
        404:
          description: "User not found"
definitions:
  User:
    type: "object"
    properties:
      id:
        type: "string"
      name:
        type: "string"
```



What is Vibe Coding?

MY CODE DOESN'T WORK

I HAVE NO IDEA WHY

MY CODE WORKS

I HAVE NO IDEA WHY

VIA 9GAG.COM





- OpenAI'nin kurucularından Andrej Karpathy tarafından Şubat 2025'te ortaya atılan bir kavramdır.

En Çok kullanılan Coding Vibe Araçları



Amazon CodeWhisperer

Amazon CodeWhisperer is an AI code generation tool that leverages machine learning. It can help you access real-time recommendations for coding tasks according to your current project and individual coding styles.



Cursor

Cursor is a notable tool functioning as a code editor with autocomplete and code generation features. It includes an AI chatbot that can assist with your file and navigate through third-party library documentation.



Cody

Cody is a prominent entry among the most popular AI coding assistants that you can use now. It is one of the top AI tools for coding to improve the speed of software development & understanding development workflows.



SQLAI

SQLAI is a great AI tool for generating SQL and NoSQL database queries. It provides a library for storing and sharing custom snippets and supports integrations with popular databases, enhancing its value.



GitHub Copilot

Copilot is also a renowned AI coding tool with a broad range of capabilities to help programmers. It can understand the context of the programming project and uses the repositories on GitHub in the training process.



TabNine

TabNine is trusted coding assistant that uses AI to offer a secure development experience with more privacy. It has the ability to assist with specific codebase while ensuring alignment with the team's coding style.



Replit

Replit is one of the best AI tools for coding as it offers collection of diverse tools to improve the programming experience. These tools work together to offer functionalities like code completion and explanations.



PyCharm

PyCharm is an integrated development environment that offers access to AI features to improve the coding experience. As the name clearly implies, PyCharm is the ideal AI coding assistant for Python developers.



DeepCode

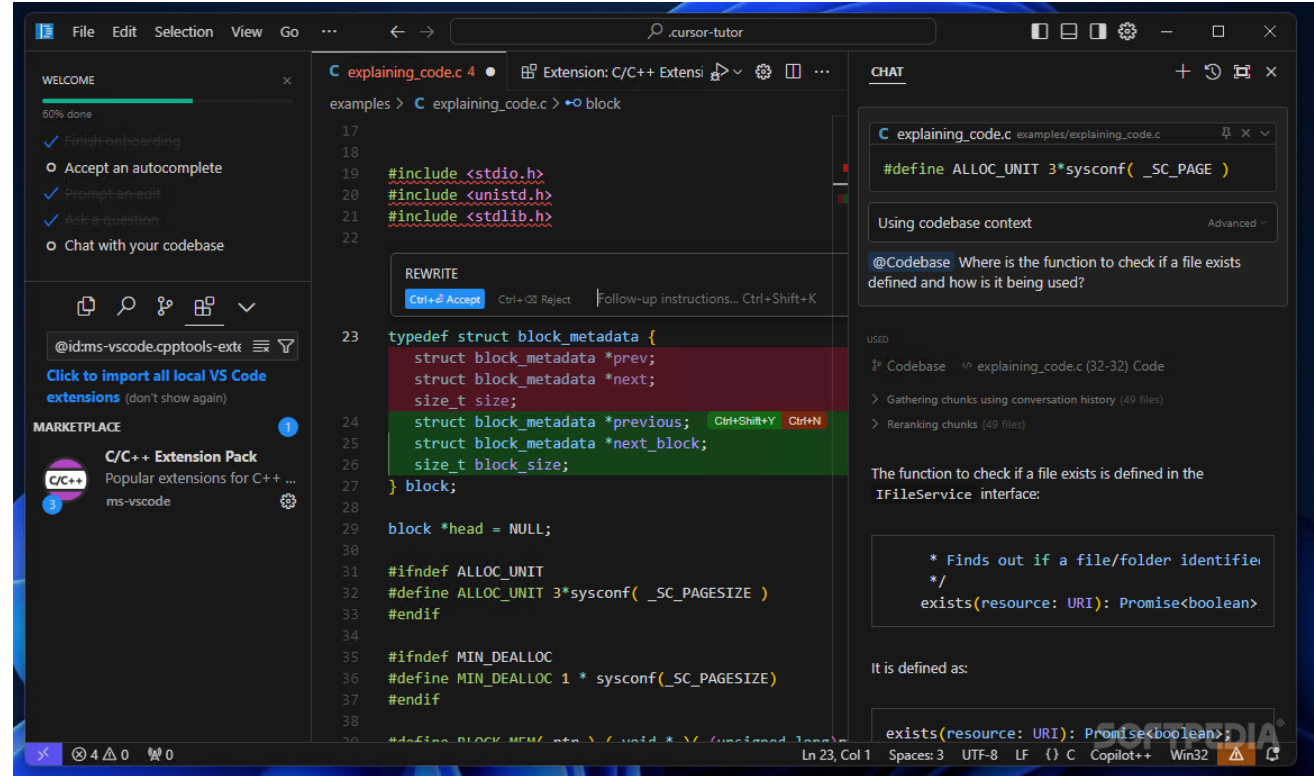
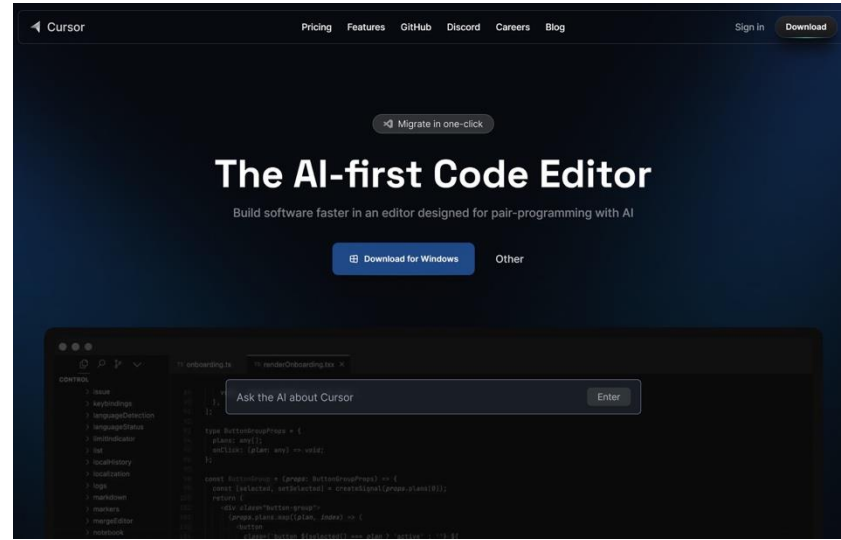
DeepCode is a robust tool for static code analysis and detecting security vulnerabilities. It uses open-source code repositories in its training dataset to provide intelligent suggestions for improving code quality.



Sourcery

Sourcery analyzes code patterns & best practices to offer accurate recommendations for refactorings. It is the best pick for code optimization that makes your code better with its comprehensive training dataset.

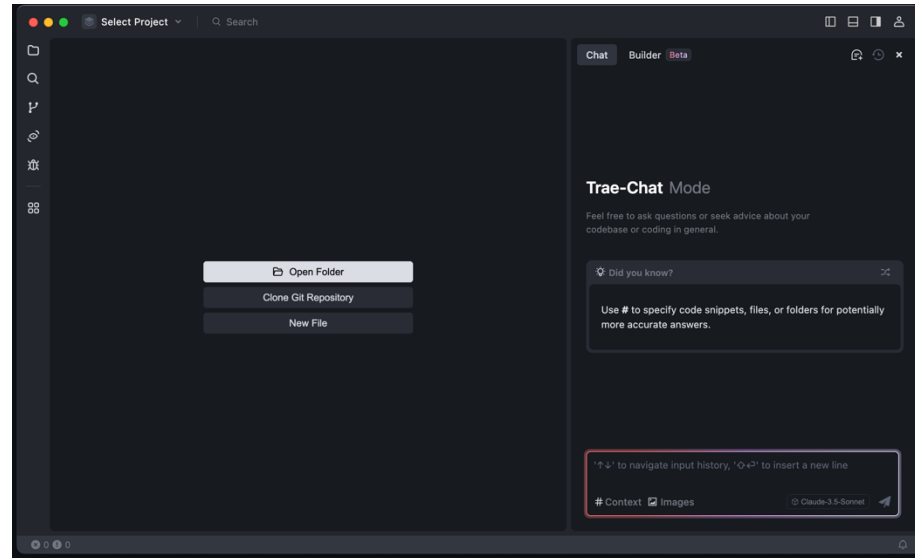
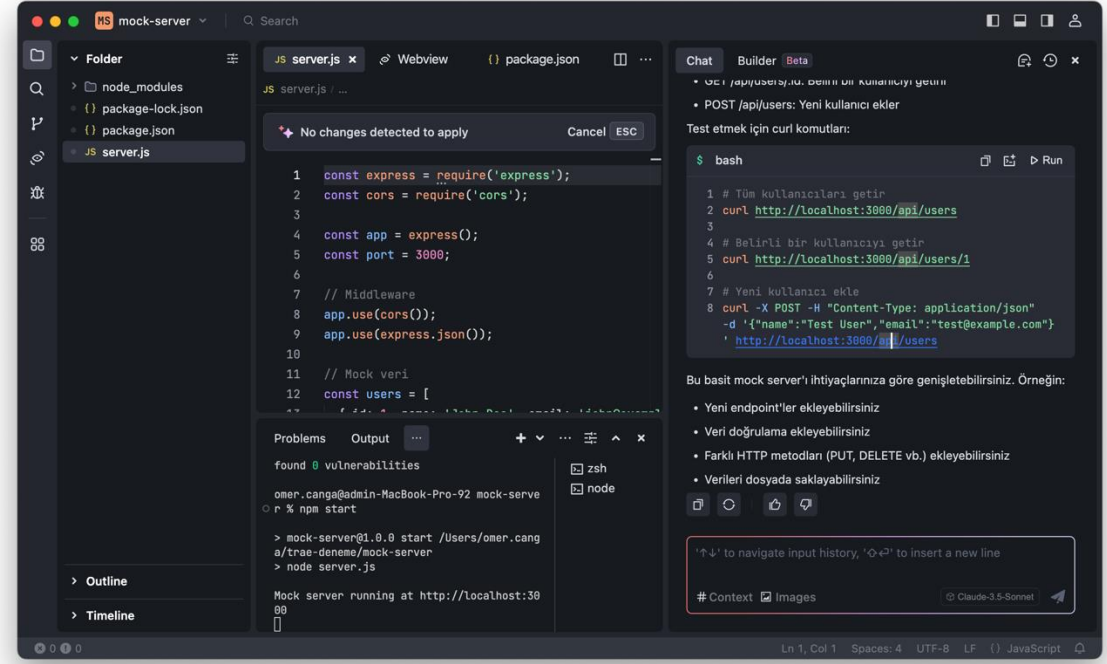
Cursor İle Yapay Zeka Destekli Kod Geliştirme



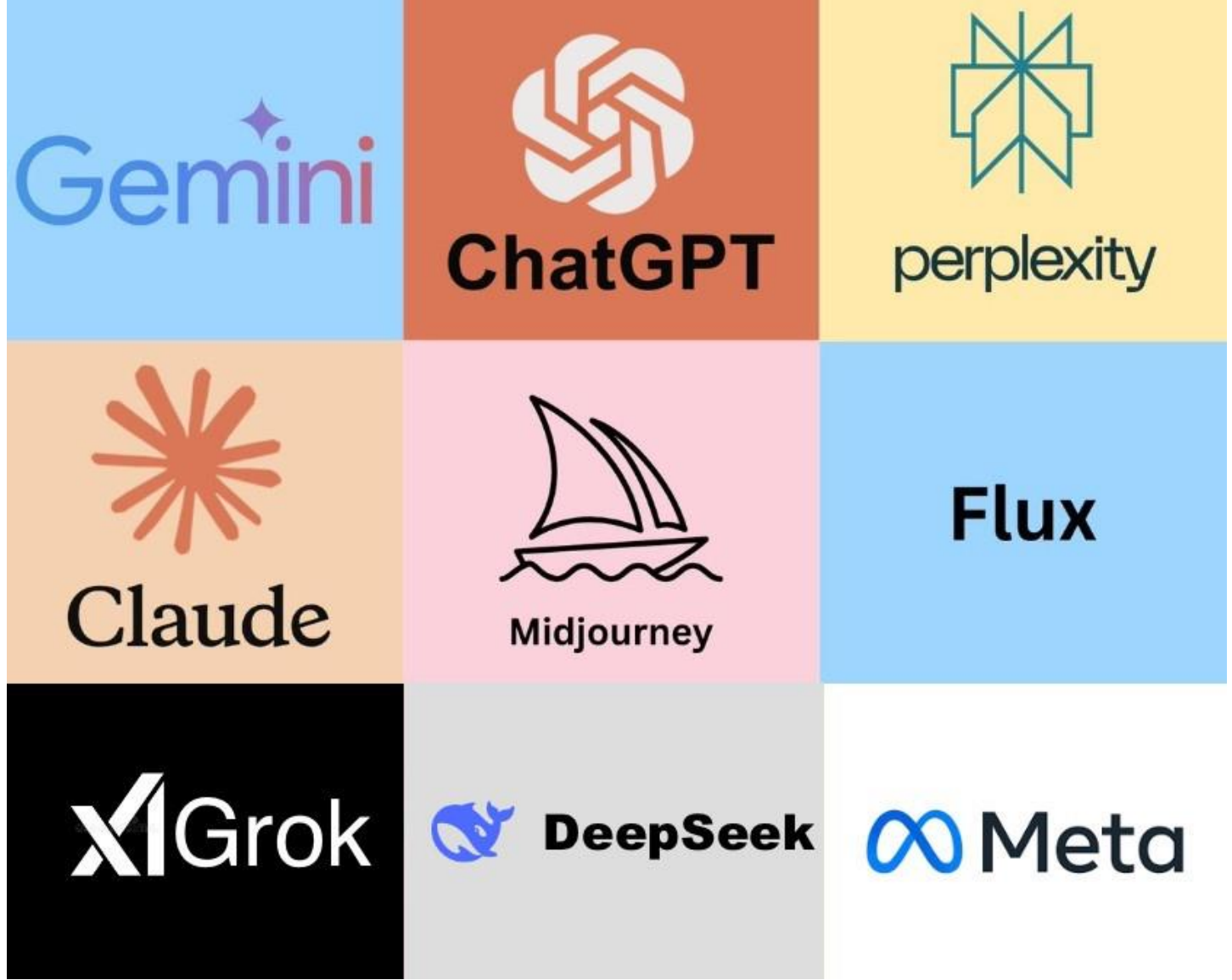
TRAE

NEW AI CODER

```
localhost:3000/api/users
{
  "id": 1,
  "name": "John Doe",
  "email": "john@example.com"
},
{
  "id": 2,
  "name": "Jane Smith",
  "email": "jane@example.com"
}
```



Yapay Zeka İle Mock Data Üretimi



DİNLEDİĞİNİZ İÇİN TEŞEKKÜRLER

HAZIRLAYANLAR

ÖMER ÇANGA

SEVİL ALTUNBAŞ

