

Samajh gaya! Main aapke liye **ek customized AI marketing platform ka blueprint** banata hoon jisme sab kuch step-by-step code, APIs, aur deployment guide milega. Aapko bas API keys aur branding change karna hoga. Let's build your empire! 🚀

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#### ### **Step 1: Setup & Installation**

##### **Tech Stack**:

- **Frontend**: React.js + DaisyUI (Indian-themed UI components)
- **Backend**: Python FastAPI (High-performance API)
- **Database**: SQLite (Easy for solo devs)
- **AI Tools**: OpenAI, ElevenLabs, D-ID, Remove.bg

##### **Commands**:

```
```bash
```

```
# Create project folder
```

```
mkdir indian-ai-studio && cd indian-ai-studio
```

```
# Frontend
```

```
npx create-react-app frontend --template typescript
```

```
cd frontend && npm install daisyui @tailwindcss/typography
```

```
# Backend
```

```
mkdir backend && cd backend
```

```
python -m venv venv && source venv/bin/activate
```

```
pip install fastapi uvicorn python-dotenv openai elevenlabs opencv-python
```

```
```
```

---

#### ### **Step 2: Core Features Code**

##### #### **1. Indian Voice & Avatar (Hindi/Tamil/Telugu)**

```
`backend/ai_voice.py`:
```

```
```python
```

```
from elevenlabs import generate, set_api_key
```

```
import requests
```

```
# Hindi Voice
```

```
def hindi_voice(text):
```

```
    set_api_key("ELEVENLABS_KEY")
```

```
    audio = generate(text=text, voice="Rachel", model="eleven_multilingual_v2")
```

```
    return audio
```

```
# Tamil Avatar Video (D-ID)
def tamil_avatar(text):
    headers = {"Authorization": "D-ID-KEY"}
    response = requests.post(
        "https://api.d-id.com/talks",
        json={"script": text, "avatar": "indian_female_2"},
    )
    return response.json()["url"]
...
```

#### \*\*2. Amazon Product Promo Generator\*\*

```
`backend/amazon_tool.py`:
```python
from openai import OpenAI

client = OpenAI(api_key="OPENAI_KEY")

def generate_amazon_ad(product_url):
    prompt = f"""
    Create a 30-second Hindi video script for Amazon product: {product_url}.
    Target audience: Indian housewives. Include emojis and slang like "दोस्तों!".
    """
    response = client.chat.completions.create(
        model="gpt-4-turbo",
        messages=[{"role": "user", "content": prompt}]
    )
    return response.choices[0].message.content
...
```

#### \*\*3. Emotional Birthday/Shadi Wishes\*\*

```
`backend/wishes.py`:
```python
def create_shadi_invite(name, language="hindi"):
    # Example Output for Hindi
    return f"""
    🎉 निमंत्रण! 🎉
    प्रिय {name}, आपको सपरिवार आमंत्रित करते हैं
    हमारे बेटे के विवाह समारोह में।
    📅 17 15 नवंबर | 📍 दिल्ली
    AI द्वारा बनाया गया! 💖
    """
...
```

#### \*\*4. Background Removal (Product Ads)\*\*

```
`backend/remove_bg.py`:
```

```
```python
```

```
from rembg import remove
```

```
import cv2
```

```
def remove_background(input_path):
```

```
    output = remove(open(input_path, "rb").read())
```

```
    with open("output.png", "wb") as f:
```

```
        f.write(output)
```

```
    return "output.png"
```

```
...
```

```
---
```

```
### **Step 3: Web Interface (React.js)**
```

```
`frontend/src/AmazonTool.tsx`:
```

```
```typescript
```

```
import { useState } from 'react';
```

```
export default function AmazonTool() {
```

```
    const [productUrl, setProductUrl] = useState("");
```

```
    const [videoScript, setVideoScript] = useState("");
```

```
    const generateAd = async () => {
```

```
        const response = await fetch("http://localhost:8000/generate-amazon-ad", {
```

```
            method: "POST",
```

```
            headers: { "Content-Type": "application/json" },
```

```
            body: JSON.stringify({ url: productUrl }),
```

```
        });
```

```
        const data = await response.json();
```

```
        setVideoScript(data.script);
```

```
    };
```

```
    return (
```

```
        <div className="card bg-base-200 shadow-xl p-4">
```

```
            <input
```

```
                type="text"
```

```
                placeholder="Amazon Product URL दर्ज करें..."
```

```
                className="input input-bordered w-full"
```

```
                value={productUrl}
```

```
                onChange={(e) => setProductUrl(e.target.value)}
```

```
            />
```

```
            <button onClick={generateAd} className="btn btn-primary mt-4">
```

```
                AI विज्ञापन बनाएं
```

```

        </button>
        <div className="mt-4 bg-base-100 p-4 rounded-lg">
            {videoScript}
        </div>
    </div>
);
}
...

```

---

### \*\*Step 4: FastAPI Backend\*\*

`backend/main.py`:

```python

```

from fastapi import FastAPI, HTTPException
from fastapi.middleware.cors import CORSMiddleware
from amazon_tool import generate_amazon_ad
from ai_voice import hindi_voice
import uvicorn

```

```
app = FastAPI()
```

```
# CORS Setup for React
```

```

app.add_middleware(
    CORSMiddleware,
    allow_origins=["*"],
    allow_methods=["*"],
    allow_headers=["*"],
)

```

```
@app.post("/generate-amazon-ad")
```

```
async def amazon_ad(data: dict):
```

```
    try:
```

```
        script = generate_amazon_ad(data["url"])
```

```
        return {"script": script}
```

```
    except Exception as e:
```

```
        raise HTTPException(status_code=500, detail=str(e))
```

```
@app.post("/generate-voice")
```

```
async def generate_voice(data: dict):
```

```
    audio = hindi_voice(data["text"])
```

```
    return {"audio_url": audio}
```

```
if __name__ == "__main__":
```

```
uvicorn.run(app, host="0.0.0.0", port=8000)
...
```

---

### ### \*\*Step 5: Deployment & Monetization\*\*

#### 1. \*\*Hosting\*\*:

- Frontend: Netlify (Free)
- Backend: Render.com (Free tier)

#### 2. \*\*Payment Gateway (Razorpay)\*\*:

```
```python
# backend/payment.py
import razorpay

client = razorpay.Client(auth=("rzp_test_KEY", "SECRET"))

def create_order(amount, currency="INR"):
    return client.order.create({
        "amount": amount * 100,
        "currency": currency,
        "receipt": "order_123"
    })
...
```
```

#### 3. \*\*Pricing Page\*\*:

```
```html
<!-- frontend/public/pricing.html -->
<div class="text-center">
  <h1 class="text-4xl font-bold">कीमत</h1>
  <div class="grid grid-cols-3 gap-4 mt-8">
    <div class="card bg-base-200">
      <div class="card-body">
        <h2>मुफ्त</h2>
        <p>3 वीडियो/महीना</p>
        <button class="btn btn-outline">शुरू करें</button>
      </div>
    </div>
    <div class="card bg-primary text-primary-content">
      <div class="card-body">
        <h2>प्रो</h2>
        <p>₹999/महीना</p>
        <button class="btn">खरीदें</button>
      </div>
    </div>
  </div>
</div>
```
```

```
</div>
</div>
</div>
...
```

### ### \*\*Step 6: Launch Strategy for India\*\*

1. **\*\*Viral Features First\*\***:
  - "AI Shadi Invite" को WhatsApp पर फ्री में बाँटें
  - "Meme Generator" with हिंदी captions
2. **\*\*Partnerships\*\***:
  - Local wedding planners के साथ collaborate करें
  - Amazon/Flipkart sellers को affiliate offers दें
3. **\*\*Content Marketing\*\***:
  - YouTube Shorts बनाएं: "दुकानदारों के लिए AI Tools"
  - Instagram Reels: "बिना Editing के वीडियो बनाएं!"

### ### \*\*Resources for Indian Developers\*\*

1. **\*\*AI Voices\*\***: [AI4Bharat](https://ai4bharat.org/) (Free Indian language TTS)
2. **\*\*Indian Avatars\*\***: [Rephrase.ai](https://www.rephrase.ai/) (Bollywood-style templates)
3. **\*\*Legal Docs\*\***: [TermsFeed](https://www.termsfeed.com/) (Generate Hindi TOS/Privacy Policy)

Ye **\*\*full package\*\*** hai! आपको bas ye karna hai:

1. `API keys` update karein (.env file mein)
2. `frontend/src` में अपना branding add karein (Logo, Colors)
3. `npm run build` aur deploy karein

Kya आपको koi specific feature aur detailed code chahiye? 😊