🚀 TheBaldingPig Product Generator - Priority Setup Plan

✅ What You Already Have (AMAZING!)

1. ✅ **OpenAI API Key** - Using your working key from voiceover agent
2. ✅ **Printify API Key** - Ready for product creation
3. ✅ **Supabase Database** - Can replace PostgreSQL completely
4. ✅ **n8n Platform** - bermech.app.n8n.cloud ready
5. ✅ **Google Services** - Full service account configured
6. ✅ **Anthropic/Claude API** - Bonus AI capability
7. ✅ **ElevenLabs** - Voice generation potential
8. ✅ **SerpAPI** - Web scraping for trends

🎯 Priority 1: Get Basic Product Generation Working (30 minutes)

Step 1A: Update Database Configuration

Replace this line in your code:

```python
DATABASE_URL = os.environ.get("DATABASE_URL")
```

With your Supabase connection:

```python
DATABASE_URL = "postgresql://postgres:YOUR_SUPABASE_PASSWORD@db.gzrvzdrmmupqkjosrfnd.supabase.c
```

Step 1B: Test Basic Product Generation

1. **Run your Flask app**: `python server.py`
2. **Open your web interface**
3. **Enter a product idea**: "Funny t-shirts for dog lovers"
4. **Click "Generate Products (Flask Only)"**
5. **Verify products save to database**

🎯 Priority 2: Set Up Notion Integration (15 minutes)

Step 2A: Create Notion Integration

1. **Go to**: https://www.notion.so/my-integrations

2. **Click**: "New integration"

3. **Name**: "TheBaldingPig Product Generator"

4. **Copy the secret**: starts with `secret_`

5. **Update your .env**: `NOTION_API_KEY=secret_xxxxxxxxx`

Step 2B: Create Notion Database

1. **Create new Notion page**

2. **Add database with these exact columns**:
   - **Name** (Title)
   - **Description** (Text)
   - **Tagline** (Text)
   - **Design Style** (Text)
   - **Colors** (Text)
   - **Keywords** (Text)
   - **AI Prompt** (Text)
   - **Status** (Select: Generated, Image Generated, Created)
   - **Image URL** (URL)

3. **Share database with your integration**

4. **Copy database ID from URL**

5. **Update your .env**: `NOTION_DATABASE_ID=xxxxxxxxx`

🎯 Priority 3: Get Printify IDs (5 minutes)

Step 3A: Run the Auto-Config Script

1. **Save the auto-config script** I provided as `auto_printify_config.py`

2. **Run**: `python auto_printify_config.py`

3. **Script will automatically update your .env file**

4. **Press Enter when done**

🎯 Priority 4: Set Up n8n Workflow (20 minutes)

Step 4A: Update n8n Environment

In your n8n instance (bermech.app.n8n.cloud):

1. **Go to Settings → Environment Variables**

2. **Add these**:

```
FLASK_APP_URL=https://your-replit-app.replit.dev
NOTION_DATABASE_ID=your_database_id_from_step_2
DISCORD_WEBHOOK_URL=https://discord.com/api/webhooks/WEBHOOK_ID/TOKEN
```

Step 4B: Import Workflow

1. **Copy the n8n workflow JSON** I provided

2. **In n8n**: Workflows → Import from JSON

3. **Paste and import**

4. **Activate the workflow**

5. **Copy webhook URL** from webhook node

6. **Update your .env**: `N8N_WEBHOOK_URL=https://bermech.app.n8n.cloud/webhook/...`

🎯 Priority 5: Discord/Midjourney Setup (10 minutes)

Step 5A: Create Discord Webhook

1. **Go to your Discord server**

2. **Right-click channel** → Edit Channel → Integrations → Webhooks

3. **Create New Webhook**

4. **Copy webhook URL**

5. **Update your .env**: `DISCORD_WEBHOOK_URL=https://discord.com/api/webhooks/...`

🚀 Test Complete Automation (5 minutes)

1. **Enter product idea** in your web interface

2. **Click "Full Automation (n8n Workflow)"**

3. **Watch the magic happen**:
   - ✅ Products generated with AI
   - ✅ Saved to Supabase database
   - ✅ Created in Notion
   - ✅ Midjourney prompts sent to Discord
   - ✅ Products created in Printify

🎉 What You'll Have After Setup

A complete automated pipeline that:

- Takes a simple product idea

- Generates 5 unique products with AI descriptions

- Creates beautiful Notion pages for each

- Sends image generation prompts to Midjourney

- Creates actual products in your Printify store

- Sends completion notifications

🔥 Bonus Enhancements (Later)

With your existing APIs, you could also add:

- **Voice descriptions** using ElevenLabs

- **Trend analysis** using SerpAPI

- **Enhanced AI** using Anthropic Claude

- **Google Sheets tracking** using your service account

- **Make.com integration** using your webhook

⏰ Total Setup Time: ~80 minutes

Priority 1: 30min → Basic product generation working

Priority 2: 15min → Notion integration

Priority 3: 5min → Printify configuration

Priority 4: 20min → n8n workflow

Priority 5: 10min → Discord setup

After this, you'll have a fully automated product creation system!