KDP Creator Suite - Deployment Guide

Project Overview

This is a Next.js landing page for KDP Creator Suite with:

- ✅ SEO-optimized content and metadata
- ✅ Waitlist email capture functionality
- ✅ Responsive design with Tailwind CSS
- ✅ API routes for email storage
- ✅ Schema.org structured data
- ✅ Open Graph and Twitter Card meta tags
- ✅ Sitemap and robots.txt

Deployment to Vercel (Recommended)

Option 1: Deploy via Vercel CLI

1. **Install Vercel CLI** (if not already installed):
2. **Login to Vercel**:
3. **Deploy from the project directory**:
4. **Follow the prompts**:
   - Set up and deploy? **Yes**
   - Which scope? Select your account
   - Link to existing project? **No**
   - Project name: **kdp-creator-suite** (or your preferred name)
   - Directory: **./** (current directory)
   - Override settings? **No**
5. **Production deployment**:

Option 2: Deploy via Vercel Dashboard

1. **Push to GitHub**:
2. **Import to Vercel**:
   - Go to vercel.com

- Click "Add New Project"
- Import your GitHub repository
- Vercel will auto-detect Next.js settings
- Click "Deploy"

Deployment to Heroku (Alternative)

Prerequisites

- Heroku account
- Heroku CLI installed

Steps

1. **Create Procfile**:
2. **Update package.json** to include start script:
3. **Deploy**:

Environment Variables

Currently, the app uses file-based storage for the waitlist. For production, consider:

Vercel KV (Recommended for Vercel)

1. Enable Vercel KV in your project dashboard
2. Update API route to use Vercel KV instead of file storage

PostgreSQL/Supabase (For Heroku or production)

1. Set up database
2. Add environment variables:

Post-Deployment Checklist

SEO Configuration

- [ ] Update `metadataBase` URL in `app/layout.tsx` with your actual domain
- [ ] Update sitemap.xml with your actual domain
- [ ] Add Google Search Console verification code

- [ ] Add Google Analytics tracking code (optional)
- [ ] Submit sitemap to Google Search Console
- [ ] Submit sitemap to Bing Webmaster Tools

Domain Configuration

- [ ] Add custom domain in Vercel/Heroku dashboard
- [ ] Configure DNS records (A/CNAME)
- [ ] Enable SSL certificate (automatic on Vercel)
- [ ] Update all URLs in metadata to use custom domain

Email Integration (Recommended)

- [ ] Set up email service (SendGrid, Mailgun, Resend)
- [ ] Add welcome email automation for waitlist signups
- [ ] Configure email notifications for new signups

Analytics & Monitoring

- [ ] Set up Google Analytics or Plausible
- [ ] Configure error tracking (Sentry)
- [ ] Set up uptime monitoring

Database Migration (For Production)

Replace the file-based storage in `app/api/waitlist/route.ts` with a proper database:

Example with Vercel KV:

```typescript
import { kv } from '@vercel/kv';

export async function POST(request: NextRequest) {
  const { email } = await request.json();

  // Check if email exists
  const exists = await kv.sismember('waitlist:emails', email);
  if (exists) {
    return NextResponse.json({ error: 'Email already exists' }, { status:
```

```
409 });
  }

  // Add to waitlist
  await kv.sadd('waitlist:emails', email);
  await kv.hset(`waitlist:entry:${email}`, {
    email,
    created_at: new Date().toISOString(),
  });

  return NextResponse.json({ success: true });
}
```

Testing

Before going live:

```bash
# Run locally
npm run dev

# Test email submission
curl -X POST http://localhost:3000/api/waitlist \
  -H "Content-Type: application/json" \
  -d '{"email":"test@example.com"}'

# Check build
npm run build
npm start
```

Performance Optimization

The site is already optimized with:

- Static page generation
- Tailwind CSS for minimal CSS
- Next.js Image optimization (when images are added)
- Proper caching headers

Support

For issues or questions:

- Check Next.js documentation: https://nextjs.org/docs
- Check Vercel documentation: https://vercel.com/docs
- Review the project code and comments

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