Deployment Guide

Recommended Hosting: Vercel

1. Prepare for Deployment

1. Ensure all environment variables are configured
2. Test the application locally
3. Commit all changes to GitHub

2. Deploy to Vercel

1. Connect your GitHub repository to Vercel
2. Set environment variables in Vercel dashboard
3. Configure build settings:
   - Build Command: `cd app && yarn build`
   - Output Directory: `app/.next`
   - Install Command: `cd app && yarn install`

3. Domain Configuration

1. Purchase a professional domain (recommended: [your-name]-medical-content.com)
2. Configure DNS in Vercel
3. Set up SSL certificate (automatic with Vercel)

4. Email Setup

1. Set up Google Workspace with your domain
2. Configure professional email addresses:
   - contact@yourdomain.com
   - info@yourdomain.com
   - [yourname]@yourdomain.com

5. Database Setup

1. Set up PostgreSQL database (recommended: Vercel Postgres or Supabase)
2. Run database migrations
3. Configure connection string in environment variables

Alternative Hosting Options

- **Netlify**: Similar setup to Vercel
- **Railway**: Good for full-stack applications
- **DigitalOcean App Platform**: More control over infrastructure

Environment Variables for Production

Make sure to set these in your hosting platform:
- `DATABASE_URL`
- `NEXTAUTH_URL` (your production domain)

- `NEXTAUTH_SECRET`
- `EMAIL_SERVER_*` (for contact forms)
- Any other API keys you're using

Post-Deployment Checklist

- [ ] Test all pages and functionality
- [ ] Verify contact form works
- [ ] Check portfolio samples load correctly
- [ ] Test mobile responsiveness
- [ ] Set up analytics (Google Analytics)
- [ ] Configure monitoring (Vercel Analytics)
- [ ] Set up backup strategy for content