

# Air Care Pro - Next.js 14 Website

Production-ready website for Air Care Pro, a professional air duct and HVAC cleaning service serving the Dallas-Fort Worth metropolitan area.

## Features

- **Next.js 14 App Router** with TypeScript
- **TailwindCSS** with brand colors (#0080C6 blue, #6AC259 green, #0F172A navy)
- **SEO Optimized** with JSON-LD schema markup, meta tags, and sitemap
- **Dynamic Routes** for 20+ services and 60+ DFW cities
- **ISR (Incremental Static Regeneration)** - pages revalidate daily
- **Responsive Design** - mobile-first with Tailwind
- **Floating Chatbot** - quick quote request with multi-step form
- **Review Carousel** - showcasing 12 real customer testimonials
- **Google Business Profile Integration** - with UTM tracking
- **Accessibility** - semantic HTML, ARIA labels, keyboard navigation

## Tech Stack

- Next.js 14 (App Router)
- TypeScript
- TailwindCSS
- next-seo (metadata)
- next-sitemap (sitemap generation)
- Zod (data validation)

# Installation

```
# Install dependencies
pnpm install

# Approve build scripts (if needed)
pnpm approve-builds

# Run development server
pnpm dev
```

Open <http://localhost:3000> to view the site.

## Build & Deploy

```
# Build for production
pnpm build

# Generate sitemap
pnpm postbuild

# Test production build locally
pnpm start
```

## Deployment (Vercel - Recommended)

1. Push code to GitHub repository
2. Import project in Vercel dashboard
3. Configure environment variables (if needed)
4. Deploy!

Vercel will automatically:

- Build the Next.js app
- Generate sitemaps
- Enable ISR caching
- Serve optimized images

# Project Structure

## /app

/(site)/page.tsx	→ Homepage
/pricing/page.tsx	→ Pricing page
/contact/page.tsx	→ Contact form
/services/page.tsx	→ Services index
/services/[slug]/page.tsx	→ Service detail pages (20+)
/locations/page.tsx	→ Locations index
/locations/[city]/page.tsx	→ City pages (60+)
/sitemap.ts	→ Sitemap generator
/robots.ts	→ Robots.txt

## /components

Layout.tsx, Header.tsx, Footer.tsx  
CTA.tsx, Breadcrumbs.tsx  
PricingCards.tsx, ReviewCarousel.tsx  
ServiceGrid.tsx, CityGrid.tsx  
Schema.tsx, Chatbot.tsx

## /data

business.ts	→ NAP, hours, contact info
cities.ts	→ 60+ DFW cities
services.ts	→ 20+ services with FAQs
pricing.ts	→ 4 pricing packages
reviews.json	→ 12 customer reviews
gbp.json	→ Google Business Profile data

## /lib

schemaBuilders.ts	→ JSON-LD schema helpers
meta.ts	→ Metadata generators
cityUtils.ts	→ City lookup helpers
slug.ts	→ URL slug utilities

## /public/images

logo.png	
/hero	→ Hero images
/services	→ Service images
/locations	→ City/location images
/ui	→ Supporting images
/og	→ Open Graph images

# SEO Features

## Metadata

- Dynamic titles and descriptions per page
- Open Graph tags for social sharing
- Twitter Card support
- Canonical URLs

## Schema Markup (JSON-LD)

- LocalBusiness schema (homepage + city pages)
- Service schema (service pages)
- FAQPage schema (all pages with FAQs)
- Product schema (pricing page)
- BreadcrumbList schema (navigation)
- Review/AggregateRating schema

## Content Strategy

- **Homepage:** Primary keyword "Air Duct Cleaning Dallas TX" (H1, title, meta, first paragraph)
- **Service Pages:** 1000-1200 words, H2s match GBP categories, 3-5 FAQs
- **City Pages:** 600-800 words, local landmarks/neighborhoods, 4-5 FAQs
- **Internal Linking:** 3 related services + 2 nearby cities per page

## Technical SEO

- Sitemap: `/sitemap.xml` (auto-generated)
- Robots.txt: `/robots.txt`
- ISR: 24-hour revalidation
- Image optimization: next/image with lazy loading
- Mobile-first responsive design

# Brand Guidelines

## Colors

- Primary Blue: `#0080C6`
- Primary Green: `#6AC259`

- Navy Background: #0F172A
- White Text: #FFFFFF

## Typography

- Font: Inter (Google Fonts)
- Headings: Bold, Navy
- Body: Regular, Gray-700

## Components

- Buttons: Rounded corners, hover effects
- Cards: Soft shadow, border radius
- Spacing: Consistent padding/margins

## Business Information

- **Name:** Air Care Pro
- **Phone:** (972) 449-9777
- **Email:** contact@aircarepro.net
- **Address:** 1400 Preston Rd Suite 402, Plano, TX 75093
- **Hours:** Mon-Fri 8 AM-6 PM (24/7 emergency service)
- **GBP Place ID:** ChIJPfMtJfkjTIYRrKwHtPoe8fc
- **Rating:** 5.0 stars (15 reviews)

## Performance Targets

- Lighthouse Performance:  $\geq 95$
- First Contentful Paint:  $< 1.5s$
- Largest Contentful Paint:  $< 2.5s$
- Cumulative Layout Shift:  $< 0.1$
- Time to Interactive:  $< 3.5s$

## Maintenance

### Update Reviews

Edit `/data/reviews.json` with new customer testimonials.

## Add Cities

Add new city objects to `/data/cities.ts`. Pages will auto-generate on next build.

## Add Services

Add new service objects to `/data/services.ts` with:

- slug, name, description
- benefits, process, included
- FAQs (3-5 recommended)
- relatedServices array

## Update Pricing

Modify `/data/pricing.ts` to update packages and disclaimer.

## Update Business Info

Edit `/data/business.ts` for NAP changes, hours, or contact updates.

## Support

Created by MiniMax Agent

For questions or support, contact: [contact@aircarepro.net](mailto:contact@aircarepro.net)

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**Ready to deploy!** 

Upload to Vercel, Netlify, or any Next.js-compatible platform.