**#################### This IS the SLUG PAGE.**

**// /home/user/studio/src/app/blog/[slug]/page.tsx**

**import { Metadata } from 'next';**

**import Image from 'next/image'; // Import the Image component**

**import { notFound } from 'next/navigation';**

**import { getPostData, getAllPostSlugs } from '@/lib/blog';**

**import { processMarkdown } from '@/lib/markdown';**

**import { HeroSection } from '@/components/blog/HeroSection';**

**import { CallToActionSection } from '@/components/blog/CallToActionSection';**

**import { StyledList, type ListItem } from '@/components/blog/StyledList';**

**import { Zap, ArrowRight, Library, Wrench, GraduationCap } from 'lucide-react';**

**interface PageProps {**

**params: {**

**slug: string;**

**};**

**searchParams?: { [key: string]: string | string[] | undefined };**

**}**

**export async function generateStaticParams() {**

**const slugs = getAllPostSlugs();**

**return slugs;**

**}**

**export async function generateMetadata({ params }: PageProps): Promise<Metadata> {**

**const { slug } = params;**

**const postData = getPostData(slug);**

**if (!postData) {**

**return {**

**title: 'Post Not Found',**

**description: 'The requested blog post could not be found.',**

**};**

**}**

**return {**

**title: postData.title || 'Blog Post',**

**description: postData.summary || postData.heroSubtitle || 'Read our latest insights on AI for small businesses',**

**openGraph: {**

**title: postData.title,**

**description: postData.summary || postData.heroSubtitle,**

**images: postData.featuredImageUrl ? [postData.featuredImageUrl] : [],**

**type: 'article',**

**publishedTime: postData.date ? new Date(postData.date).toISOString() : undefined,**

**authors: postData.author ? [postData.author] : undefined,**

**},**

**twitter: {**

**card: 'summary\_large\_image',**

**title: postData.title,**

**description: postData.summary || postData.heroSubtitle,**

**images: postData.featuredImageUrl ? [postData.featuredImageUrl] : [],**

**},**

**};**

**}**

**export default async function BlogPostPage({ params }: PageProps) {**

**const { slug } = params;**

**console.log('BlogPostPage - Processing slug:', slug);**

**const postData = getPostData(slug);**

**if (!postData) {**

**console.error('No postData found for slug:', slug);**

**notFound();**

**}**

**console.log('PostData keys:', Object.keys(postData));**

**console.log('Content type:', typeof postData.content);**

**console.log('Content preview:', postData.content?.substring(0, 100));**

**const markdownContent = postData.content || '';**

**const contentHtml = await processMarkdown(markdownContent);**

**const displayDate = postData.date**

**? new Date(postData.date + 'T00:00:00Z').toLocaleDateString('en-US', {**

**year: 'numeric',**

**month: 'long',**

**day: 'numeric',**

**timeZone: 'UTC',**

**})**

**: 'Date not available';**

**// Transform string arrays into ListItem arrays**

**const priceTagItems: ListItem[] = postData.priceTagOfRediscoveryItems?.map((text: string) => ({**

**text: text**

**})) || [];**

**const solutionItems: ListItem[] = postData.faesSolutionApproachItems?.map((text: string) => ({**

**text: text**

**})) || [];**

**console.log('priceTagItems:', priceTagItems);**

**console.log('solutionItems:', solutionItems);**

**return (**

**<>**

**<HeroSection**

**eyebrowText={**

**postData.heroEyebrowText**

**}**

**title={postData.title}**

**subtitle={postData.heroSubtitle || postData.summary}**

**author={postData.author}**

**authorImageUrl={postData.authorImageUrl}**

**date={displayDate}**

**readingTime={postData.readingTime}**

**featuredImageUrl={postData.featuredImageUrl}**

**ctaText={postData.heroCtaText}**

**ctaLink={postData.heroCtaLink}**

**/>**

**<main className="bg-background">**

**{/\* Featured Image \*/}**

**<div className="relative h-48 w-full overflow-hidden">**

**{postData.featuredImageUrl && (**

**<Image**

**src={postData.featuredImageUrl}**

**alt={postData.title || 'Featured image for blog post'} // Added alt attribute**

**fill // Fill the parent container**

**className="object-cover" // Cover the area while maintaining aspect ratio**

**sizes="(max-width: 768px) 100vw, 768px" // Define sizes for responsiveness**

**/>**

**)}**

**</div>**

**<article className="max-w-3xl mx-auto px-4 sm:px-6 lg:px-8 py-10 md:py-16">**

**<div**

**className="prose prose-lg max-w-none prose-headings:text-primary prose-a:text-accent hover:prose-a:text-accent/80 prose-strong:text-primary prose-p:text-foreground/90 prose-li:text-foreground/90 [&>h2]:text-center"**

**dangerouslySetInnerHTML={{ \_\_html: contentHtml || '<p>Loading content...</p>' }}**

**/>**

**</article>**

**<div className="max-w-3xl mx-auto px-4 sm:px-6 lg:px-8">**

**{postData.priceTagOfRediscoveryItems && postData.priceTagOfRediscoveryItems.length > 0 && (**

**<div className="py-5 md:py-8">**

**<h2 className="text-3xl font-bold text-primary mb-6 mt-8 text-center">The Staggering Price Tag of Rediscovery</h2>**

**<p className="text-lg text-foreground/80 mb-6 leading-relaxed">**

**For businesses, the cost of lost knowledge is far more than just abstract &quot;inefficiency.&quot; It directly impacts your profits:**

**</p>**

**<div className="bg-red-50 border-l-4 border-red-500 p-4 mb-8">**

**<p className="text-red-700 font-semibold">💸 Every knowledge gap costs real money:</p>**

**</div>**

**<StyledList**

**items={priceTagItems}**

**iconColor="text-red-600"**

**className="mb-12 space-y-4"**

**/>**

**</div>**

**)}**

**{postData.faesSolutionApproachItems && postData.faesSolutionApproachItems.length > 0 && (**

**<section className="my-12 py-10 md:py-12 bg-primary text-primary-foreground rounded-lg shadow-xl px-6 md:px-8">**

**<div className="flex flex-col items-center text-center">**

**<Library className="w-12 h-12 text-accent mb-4" />**

**<h2 className="text-3xl font-bold mb-4 text-center">Fae&apos;s Solution: Your Business&apos;s AI-Powered Knowledge Library</h2>**

**</div>**

**<p className="text-lg mb-6 leading-relaxed text-center">**

**Fae Intelligence empowers businesses to transform this scattered information into a dynamic, AI-powered knowledge library.**

**</p>**

**<p className="text-lg mb-4 leading-relaxed font-semibold text-center">**

**Our AI-driven approach makes your knowledge base intelligent by:**

**</p>**

**<StyledList**

**items={solutionItems}**

**iconColor="text-accent"**

**className="mb-6 space-y-3"**

**/>**

**</section>**

**)}**

**<div className="py-5 md:py-8">**

**<h2 className="text-3xl font-bold text-primary mb-6 mt-12 text-center">Easy Wins with Everyday AI Tools</h2>**

**<div className="flex items-start gap-4 p-6 bg-muted rounded-lg mb-12 shadow">**

**<Wrench className="w-10 h-10 text-accent shrink-0 mt-1" />**

**<p className="text-lg text-foreground/90 leading-relaxed">**

**You don&apos;t need an enterprise-level budget or a team of data scientists to get started. Many readily available AI tools can create immediate impact!**

**</p>**

**</div>**

**<h2 className="text-3xl font-bold text-primary mb-6 mt-12 text-center">Take the First Step with Fae Intelligence</h2>**

**<div className="flex items-start gap-4 p-6 bg-muted rounded-lg mb-12 shadow">**

**<GraduationCap className="w-10 h-10 text-accent shrink-0 mt-1" />**

**<p className="text-lg text-foreground/90 leading-relaxed">**

**Fae Intelligence offers practical workshops and tailored training to help businesses like yours implement real-world AI solutions.**

**</p>**

**</div>**

**</div>**

**</div>**

**<CallToActionSection**

**title="Ready to Unlock Your Company's Knowledge Potential?"**

**text="Don't let your company's wisdom walk away. Empower your team, boost efficiency, and secure your business's future by building an AI-assisted internal knowledge hub."**

**buttonText="Take the First Step with Fae Intelligence"**

**buttonLink="/consultation"**

**icon={Zap}**

**buttonIcon={ArrowRight}**

**className="bg-primary text-primary-foreground py-16 md:py-20"**

**/>**

**</main>**

**</>**

**);**

**}**

**##################### THESE NEED TO BE DEFINED IN THE BLOG, NOT SLUG PAGE. THEY ARE RELATED TO THE BLOG, BUT THE**

<div className="max-w-3xl mx-auto px-4 sm:px-6 lg:px-8">

{postData.priceTagOfRediscoveryItems && postData.priceTagOfRediscoveryItems.length > 0 && (

<div className="py-5 md:py-8">

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Our AI-driven approach makes your knowledge base intelligent by:

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</p>

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<GraduationCap className="w-10 h-10 text-accent shrink-0 mt-1" />

<p className="text-lg text-foreground/90 leading-relaxed">

Fae Intelligence offers practical workshops and tailored training to help businesses like yours implement real-world AI solutions.

</p>

</div>

</div>

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<CallToActionSection

title="Ready to Unlock Your Company's Knowledge Potential?"

text="Don't let your company's wisdom walk away. Empower your team, boost efficiency, and secure your business's future by building an AI-assisted internal knowledge hub."

buttonText="Take the First Step with Fae Intelligence"

buttonLink="/consultation"

icon={Zap}

buttonIcon={ArrowRight}

className="bg-primary text-primary-foreground py-16 md:py-20"

/>

</main>

</>

);

}

**####################### BLOG MARKDOWN  
// /home/user/studio/content/blog/stop-knowledge-loss.mdx**

**---**

**title: "Stop the Hemorrhaging: Lost Employees Cost You"**

**date: "2025-05-18"**

**author: "Richard Snyder"**

**authorImageUrl: "/assets/fae-3.png"**

**readingTime: "3 min read"**

**summary: "Every time an employee leaves, they take a piece of your company's legacy with them. This isn't just an inconvenience; it's a silent drain on your bottom line."**

**keywords: ['lost knowledge', 'tribal knowledge', 'knowledge management', 'business efficiency', 'AI knowledge base', 'Fae Intelligence']**

**heroEyebrowText: "KNOWLEDGE RETENTION"**

**heroSubtitle: "Every time an employee walks out the door, they take a piece of your company's legacy with them. This isn't just an inconvenience; it's a silent drain on your bottom line. \"Tribal knowledge\"—the undocumented wisdom gleaned from years of experience—disappears, leading to inefficiencies, errors, and endless rediscovery. What if you could build a permanent, easily accessible library of your team's collective knowledge?"**

**heroCtaText: "Learn About Fae's Solution"**

**heroCtaLink: "#faes-solution"**

**ogImage: "/assets/fae-logo.png"**

**featuredImageUrl: "/assests/fae-stock-computer.jpeg"**

**priceTagOfRediscoveryItems:**

**- text: "Wasted Productivity: Teams constantly \"reinvent the wheel,\" spending hours or days solving problems that have already been addressed."**

**iconName: "TrendingDown"**

**- text: "Increased Errors & Rework: Without standardized, accessible information, mistakes happen, leading to costly corrections and damaged reputation."**

**iconName: "AlertTriangle"**

**- text: "Slower Onboarding & Upskilling: New hires struggle for months to get up to speed, relying on busy colleagues for basic information."**

**iconName: "Users"**

**- text: "Missed Opportunities: Critical insights and best practices remain locked in individual minds, preventing scalable growth."**

**iconName: "Search"**

**faesSolutionApproachItems:**

**- text: "Capturing Everything: From transcribing audio meetings and analyzing videos to digitizing old documents, we help you capture every piece of valuable information."**

**iconName: "FileText"**

**- text: "Instant, Intelligent Search: Forget keyword matching. Ask for what you want and get direct answers based on your team's experience."**

**iconName: "Zap"**

**- text: "Direct, Actionable Insights: No more sifting through long manuals. Readily available tools provide concise summaries, checklists, and direct answers."**

**iconName: "ListChecks"**

**---**

**In today's competitive business landscape, your team's collective knowledge is one of your most valuable assets. Yet every day, this critical intellectual capital walks out the door—literally.**

**## The Hidden Cost of Employee Turnover**

**When experienced employees leave, they don't just take their personal belongings. They take years of accumulated wisdom, problem-solving techniques, and institutional knowledge that can never be fully replaced. This "tribal knowledge" represents:**

**- \*\*Undocumented processes\*\* that make operations run smoothly**

**- \*\*Client relationships\*\* built on years of trust and understanding**

**- \*\*Technical workarounds\*\* discovered through trial and error**

**- \*\*Historical context\*\* that informs better decision-making**

**## The Compound Effect**

**The impact multiplies across your organization. New hires spend months learning what previous employees already knew. Teams waste time solving problems that were solved before. Quality suffers as best practices disappear with their creators.**

**This isn't just inefficiency—it's a direct hit to your bottom line.**

**## Building Your Knowledge Fortress**

**The solution isn't to prevent employees from leaving—that's neither practical nor healthy. Instead, smart businesses are building systems to capture and preserve institutional knowledge before it walks away.**

**Modern AI tools make this easier than ever. From automated meeting transcription to intelligent document management, you can create a living knowledge base that grows stronger with every interaction.**

**## Your Next Step**

**Don't wait for your next key employee to announce their departure. Start building your knowledge preservation system today. The investment you make now will pay dividends for years to come.**

**\*Ready to stop the knowledge drain? Contact Fae Intelligence to learn how we can help you build an AI-powered knowledge management system tailored to your business needs.\***

**####################################### BLOG PAGE**

// /home/user/studio/src/app/blog/page.tsx

import { Metadata } from 'next';

import { getSortedPostsData, PostData } from '@/lib/blog';

import { Container } from '@/components/layout/Container';

import { PostCard } from '@/components/blog/PostCard';

export const metadata: Metadata = {

title: 'Blog | Fae Intelligence',

description: 'Practical guidance for implementing AI solutions that deliver immediate, measurable results for your business.',

};

export default function BlogPage() {

// Fetch all blog posts

const posts: PostData[] = getSortedPostsData();

return (

<>

{/\* Hero Section \*/}

<section className="bg-primary text-primary-foreground py-16 md:py-24">

<Container>

<div className="text-center max-w-3xl mx-auto">

<h1 className="text-4xl md:text-5xl font-bold mb-6">

Insights & Strategies

</h1>

<p className="text-xl text-primary-foreground/90">

Practical guidance for implementing AI solutions that deliver immediate, measurable results for your business.

</p>

</div>

</Container>

</section>

{/\* Blog Posts Grid \*/}

<section className="py-8 md:py-12 bg-background">

<Container>

{posts.length === 0 ? (

<div className="text-center py-12">

<p className="text-muted-foreground">No blog posts available yet.</p>

</div>

) : (

<div className="grid gap-8 md:grid-cols-2 lg:grid-cols-3">

{posts.map((post) => (

<PostCard

key={post.slug}

post={{

...post,

featuredImageUrl: post.featuredImageUrl || undefined

}}

/>

))}

</div>

)}

</Container>

</section>

</>

);

}

################################ BLOG LAYOUT  
  
// src/components/blog/BlogPostLayout.tsx

import React from 'react';

import { Container } from '@/components/layout/Container'; // Assuming you have this

import Image from 'next/image'; // For featured image

import { Share2 } from 'lucide-react'; // Example icon

interface BlogPostLayoutProps {

children: React.ReactNode;

title: string;

date?: string; // Optional: e.g., "May 21, 2025"

author?: string; // Optional

featuredImageUrl?: string; // Optional

readingTime?: string; // Optional: e.g., "5 min read"

}

export const BlogPostLayout: React.FC<BlogPostLayoutProps> = ({

children,

title,

date,

author,

featuredImageUrl,

readingTime,

}) => {

return (

<article className="py-8 md:py-12 bg-fae-background text-fae-foreground">

<Container>

{/\* Blog Post Header \*/}

<header className="mb-8 md:mb-12">

<h1 className="text-3xl sm:text-4xl md:text-5xl font-extrabold text-fae-primary leading-tight mb-4 text-center">

{title}

</h1>

{(date || author || readingTime) && (

<div className="text-center text-sm text-fae-foreground/70 mb-6 flex flex-wrap justify-center items-center gap-x-4 gap-y-2">

{author && <span>By {author}</span>}

{date && <span>{date}</span>}

{readingTime && <span>{readingTime}</span>}

</div>

)}

{featuredImageUrl && (

<div className="relative w-full h-64 md:h-96 rounded-lg overflow-hidden shadow-lg mb-8">

<Image

src={featuredImageUrl}

alt={`Featured image for ${title}`}

layout="fill"

objectFit="cover"

priority // Good for LCP

/>

</div>

)}

</header>

{/\* Main Blog Content Area \*/}

{/\* Apply prose for default typography styling to content coming from MDX or rich text editor \*/}

<div className="prose prose-fae max-w-3xl mx-auto lg:prose-lg xl:prose-xl">

{/\* Tailwind Typography (prose) classes for styling HTML generated from Markdown/MDX.

You can customize the 'prose-fae' theme in your tailwind.config.js.

Example 'prose-fae' customization in tailwind.config.js:

theme: {

extend: {

typography: (theme) => ({

fae: {

css: {

'--tw-prose-body': theme('colors.fae-foreground / 1'),

'--tw-prose-headings': theme('colors.fae-primary / 1'),

'--tw-prose-links': theme('colors.fae-accent / 1'),

'--tw-prose-bold': theme('colors.fae-foreground / 1'),

// ... other prose styles

},

},

}),

},

},

\*/}

{children}// src/components/blog/BlogPostLayout.tsx

import React from 'react';

import { Container } from '@/components/layout/Container'; // Assuming you have this

import Image from 'next/image'; // For featured image

import { Share2 } from 'lucide-react'; // Example icon

interface BlogPostLayoutProps {

children: React.ReactNode;

title: string;

date?: string; // Optional: e.g., "May 21, 2025"

… <h3 className="font-semibold text-fae-primary mb-2">About the Author</h3>

<p className="text-sm text-fae-foreground/80">{author}</p>

{/\* You can add more author details here \*/}

</div>

)}

</aside>

</Container>

</article>

);

};

</div>

{/\* Optional: Social Share Section or Author Bio \*/}

<aside className="mt-12 pt-8 border-t border-fae-foreground/20 max-w-3xl mx-auto">

<div className="flex justify-between items-center">

<p className="text-sm text-fae-foreground/70">Share this post:</p>

<div className="flex space-x-3">

{/\* Replace with actual sharing links/components \*/}

<a href="#" aria-label="Share on Twitter" className="text-fae-accent hover:text-fae-primary transition-colors">

<Share2 size={20} /> {/\* Placeholder, use specific social icons \*/}

</a>

{/\* Add more social icons \*/}

</div>

</div>

{author && (

<div className="mt-8 p-4 bg-fae-secondary/10 rounded-lg">

<h3 className="font-semibold text-fae-primary mb-2">About the Author</h3>

<p className="text-sm text-fae-foreground/80">{author}</p>

{/\* You can add more author details here \*/}

</div>

)}

</aside>

</Container>

</article>

);

};

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title: string;

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readingTime?: string; // Optional: e.g., "5 min read"

}

export const BlogPostLayout: React.FC<BlogPostLayoutProps> = ({

children,

title,

date,

author,

featuredImageUrl,

readingTime,

}) => {

return (

<article className="py-8 md:py-12 bg-fae-background text-fae-foreground">

<Container>

{/\* Blog Post Header \*/}

<header className="mb-8 md:mb-12">

<h1 className="text-3xl sm:text-4xl md:text-5xl font-extrabold text-fae-primary leading-tight mb-4 text-center">

{title}

</h1>

{(date || author || readingTime) && (

<div className="text-center text-sm text-fae-foreground/70 mb-6 flex flex-wrap justify-center items-center gap-x-4 gap-y-2">

{author && <span>By {author}</span>}

{date && <span>{date}</span>}

{readingTime && <span>{readingTime}</span>}

</div>

)}

{featuredImageUrl && (

<div className="relative w-full h-64 md:h-96 rounded-lg overflow-hidden shadow-lg mb-8">

<Image

src={featuredImageUrl}

alt={`Featured image for ${title}`}

layout="fill"

objectFit="cover"

priority // Good for LCP

/>

</div>

)}

</header>

{/\* Main Blog Content Area \*/}

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'--tw-prose-body': theme('colors.fae-foreground / 1'),

'--tw-prose-headings': theme('colors.fae-primary / 1'),

'--tw-prose-links': theme('colors.fae-accent / 1'),

'--tw-prose-bold': theme('colors.fae-foreground / 1'),

// ... other prose styles

},

},

}),

},

},

\*/}

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)}

</aside>

</Container>

</article>

);

};

</div>

{/\* Optional: Social Share Section or Author Bio \*/}

<aside className="mt-12 pt-8 border-t border-fae-foreground/20 max-w-3xl mx-auto">

<div className="flex justify-between items-center">

<p className="text-sm text-fae-foreground/70">Share this post:</p>

<div className="flex space-x-3">

{/\* Replace with actual sharing links/components \*/}

<a href="#" aria-label="Share on Twitter" className="text-fae-accent hover:text-fae-primary transition-colors">

<Share2 size={20} /> {/\* Placeholder, use specific social icons \*/}

</a>

{/\* Add more social icons \*/}

</div>

</div>

{author && (

<div className="mt-8 p-4 bg-fae-secondary/10 rounded-lg">

<h3 className="font-semibold text-fae-primary mb-2">About the Author</h3>

<p className="text-sm text-fae-foreground/80">{author}</p>

{/\* You can add more author details here \*/}

</div>

)}

</aside>

</Container>

</article>

);

};

########################## CALL TO ARMS  
// src/components/blog/CallToActionSection.tsx

import React from 'react';

import Link from 'next/link';

import { LucideIcon } from 'lucide-react';

import { Container } from '@/components/layout/Container';

import { Button } from '@/components/ui/button';

interface CallToActionSectionProps {

title: string;

text: string;

buttonText: string;

buttonLink: string;

icon?: LucideIcon;

buttonIcon?: LucideIcon;

className?: string;

}

export function CallToActionSection({

title,

text,

buttonText,

buttonLink,

icon: Icon,

buttonIcon: ButtonIcon,

className = '',

}: CallToActionSectionProps) {

return (

<section className={`text-center ${className}`}>

<Container>

{Icon && (

<Icon className="h-12 w-12 text-accent mx-auto mb-4" />

)}

<h2 className="text-3xl font-bold mb-4">{title}</h2>

<p className="text-lg mb-8 max-w-2xl mx-auto">{text}</p>

<Button

asChild

size="lg"

className="bg-accent hover:bg-accent/90 text-accent-foreground"

>

<Link href={buttonLink}>

{buttonText}

{ButtonIcon && <ButtonIcon className="ml-2 h-5 w-5" />}

</Link>

</Button>

</Container>

</section>

);

}

################ FAE PERSPECTIVE

// src/components/blog/FaePerspectiveBlock.tsx

import React from 'react';

// Ensure ALL these are imported from lucide-react:

import { Lightbulb, LucideProps, icons as lucideIcons } from 'lucide-react';

// Define a type for all possible lucide icon names, using the imported 'icons'

type LucideIconName = keyof typeof lucideIcons;

interface FaePerspectiveBlockProps {

mainPoint: string;

faePerspective: string;

iconName?: LucideIconName; // Optional icon name

className?: string;

}

export const FaePerspectiveBlock: React.FC<FaePerspectiveBlockProps> = ({

mainPoint,

faePerspective,

iconName,

className = '',

}) => {

// Now lucideIcons will be defined here

const IconComponent = iconName ? lucideIcons[iconName] as React.ElementType<LucideProps> : Lightbulb;

return (

<div className={`p-4 border-l-4 border-fae-accent bg-fae-accent/10 rounded ${className}`}>

<p className="text-fae-foreground mb-1 font-medium">{mainPoint}</p>

<div className="flex items-start">

<IconComponent className="h-4 w-4 text-fae-accent mr-2 shrink-0 mt-1" />

<p className="italic text-fae-accent text-sm">{faePerspective}</p>

</div>

</div>

);

};

############ HERO SECTION  
// src/components/blog/HeroSection.tsx

import React from 'react';

import Image from 'next/image';

import Link from 'next/link';

import { Container } from '@/components/layout/Container';

import { Button } from '@/components/ui/button';

import { ArrowRight } from 'lucide-react';

import { cn } from '@/lib/utils';

interface HeroSectionProps {

eyebrowText?: string;

title: string;

subtitle?: string | React.ReactNode;

featuredImageUrl?: string | null;

ctaText?: string;

ctaLink?: string;

author?: string;

authorImageUrl?: string;

date?: string;

readingTime?: string;

className?: string;

}

export function HeroSection({

eyebrowText,

title,

subtitle,

ctaText,

ctaLink,

author,

authorImageUrl,

date,

readingTime,

className = '',

}: HeroSectionProps): JSX.Element {

const titleTextColor = 'text-slate-50';

const subtitleTextColor = 'text-slate-200';

const metaTextColor = 'text-slate-400';

const eyebrowTextColor = 'text-accent';

return (

<section

className={cn(

'relative text-center overflow-hidden',

'bg-primary',

className

)}

>

<Container className="relative z-20 py-8 md:py-12 lg:py-16">

<div className="max-w-3xl mx-auto">

{eyebrowText && (

<p className={cn("mb-2 text-sm font-semibold uppercase tracking-wider", eyebrowTextColor)}>

{eyebrowText}

</p>

)}

<h1 className={cn('text-2xl font-extrabold tracking-tight sm:text-3xl md:text-4xl lg:text-5xl', titleTextColor)}>

{title}

</h1>

{subtitle && (

<p className={cn('mt-4 max-w-2xl mx-auto text-base sm:text-lg', subtitleTextColor)}>

{subtitle}

</p>

)}

{(author || date || readingTime) && (

<div className={cn(

"mt-3 text-xs sm:text-sm flex flex-col sm:flex-row sm:flex-wrap justify-center items-center sm:gap-x-4 gap-y-1",

metaTextColor

)}>

{authorImageUrl && author && (

<div className="flex items-center gap-2">

<Image

src={authorImageUrl}

alt={author}

width={24}

height={24}

className="rounded-full"

/>

<span>By {author}</span>

</div>

)}

{!authorImageUrl && author && <span>By {author}</span>}

{date && author && <span className="hidden sm:inline"> • </span>}

{date && <span>{date}</span>}

{readingTime && (date || author) && <span className="hidden sm:inline"> • </span>}

{readingTime && <span>{readingTime}</span>}

</div>

)}

{ctaText && ctaLink && (

<div className="mt-6">

<Button

asChild

size="lg"

className="bg-accent hover:bg-accent/90 text-accent-foreground px-6 py-2 shadow-lg"

>

<Link href={ctaLink}>

{ctaText}

<ArrowRight className="ml-2 h-4 w-4" />

</Link>

</Button>

</div>

)}

</div>

</Container>

</section>

);

}

**############## POSTCARD**

// src/components/blog/PostCard.tsx

import Link from 'next/link';

import Image from 'next/image';

import { Button } from '@/components/ui/button';

import { ArrowRight, Calendar, Clock, User } from 'lucide-react';

// Define a type for your post data.

// This should match the structure returned by getSortedPostsData()

export interface PostData {

slug: string;

title: string;

summary?: string;

date: string;

featuredImageUrl?: string; // Only accepts string or undefined

readingTime?: string;

author?: string;

keywords?: string[];

}

interface PostCardProps {

post: PostData;

}

export function PostCard({ post }: PostCardProps) {

const formattedDate = post.date

? new Date(post.date + 'T00:00:00Z').toLocaleDateString('en-US', {

year: 'numeric',

month: 'long',

day: 'numeric',

timeZone: 'UTC',

})

: null;

return (

<article

className="bg-card rounded-lg shadow-lg overflow-hidden hover:shadow-xl transition-shadow duration-300"

>

{/\* Featured Image \*/}

{post.featuredImageUrl && (

<Link href={`/blog/${post.slug}`}>

<div className="relative h-48 w-full overflow-hidden">

<Image

src={post.featuredImageUrl}

alt={post.title}

fill

className="object-cover hover:scale-105 transition-transform duration-300"

/>

</div>

</Link>

)}

<div className="p-6">

{/\* Post Meta \*/}

<div className="flex flex-wrap gap-4 text-sm text-muted-foreground mb-3">

{formattedDate && (

<div className="flex items-center gap-1">

<Calendar className="h-4 w-4" />

<time dateTime={post.date}>{formattedDate}</time>

</div>

)}

{post.readingTime && (

<div className="flex items-center gap-1">

<Clock className="h-4 w-4" />

<span>{post.readingTime}</span>

</div>

)}

{post.author && (

<div className="flex items-center gap-1">

<User className="h-4 w-4" />

<span>{post.author}</span>

</div>

)}

</div>

{/\* Title \*/}

<h2 className="text-2xl font-bold mb-3">

<Link

href={`/blog/${post.slug}`}

className="text-primary hover:text-primary/80 transition-colors"

>

{post.title}

</Link>

</h2>

{/\* Summary \*/}

{post.summary && (

<p className="text-foreground/80 mb-4 line-clamp-3">

{post.summary}

</p>

)}

{/\* Keywords \*/}

{post.keywords && post.keywords.length > 0 && (

<div className="flex flex-wrap gap-2 mb-4">

{post.keywords.slice(0, 3).map((keyword) => (

<span

key={keyword}

className="inline-block px-2 py-1 text-xs bg-muted text-muted-foreground rounded"

>

{keyword}

</span>

))}

</div>

)}

{/\* Read More Link \*/}

<Button

asChild

variant="ghost"

className="group pl-0 text-accent hover:text-accent/80"

>

<Link href={`/blog/${post.slug}`}>

Read More

<ArrowRight className="ml-2 h-4 w-4 group-hover:translate-x-1 transition-transform" />

</Link>

</Button>

</div>

</article>

);

}

**#####################Stylized List**

// src/components/blog/StyledList.tsx

import React from 'react';

export interface ListItem {

text: string;

icon?: React.ReactNode;

}

interface StyledListProps {

items: ListItem[];

iconColor?: string;

className?: string;

}

export function StyledList({ items, iconColor, className }: StyledListProps) {

if (!items || items.length === 0) {

return null;

}

return (

<ul className={`space-y-3 ${className}`}>

{items.map((item, index) => {

if (!item || typeof item.text === 'undefined') {

console.warn(`StyledList: Skipping invalid item at index ${index}:`, item);

return null;

}

console.log('StyledList item:', item);

return (

<li key={index} className="flex items-start text-base leading-relaxed">

{item.icon ? (

<span className={`mr-3 mt-1 shrink-0`}>

{item.icon}

</span>

) : (

<span className={`font-bold ${iconColor} mr-3 shrink-0 mt-1 select-none`} style={{ lineHeight: '1.25rem' }}>

•

</span>

)}

<span className="text-foreground/90">

{String(item.text)}

</span>

</li>

);

})}

</ul>

);

};