# app/layout.tsx

import './globals.css';

import Nav from '@/components/Nav';

import Footer from '@/components/Footer';

import type { Metadata } from 'next';

export const metadata: Metadata = {

title: 'Andrew Rosenfeld | Portfolio & Writing',

description: 'Music educator, prompt engineer, and creative strategist.',

openGraph: {

title: 'Andrew Rosenfeld | Portfolio & Writing',

description: 'Teach the Machine – Teach the Student: essays, projects, and resources.',

images: ['/og.png']

},

twitter: { card: 'summary\_large\_image' }

};

export default function RootLayout({ children }: { children: React.ReactNode }) {

return (

<html lang="en"><body><Nav />{children}<Footer /></body></html>

);

}

# mdx-components.tsx

// mdx-components.tsx

import type { MDXComponents } from 'mdx/types';

import React from 'react';

function cx(...classes: Array<string | undefined>) {

return classes.filter(Boolean).join(' ');

}

export function useMDXComponents(components: MDXComponents): MDXComponents {

return {

// Let any components passed in by MDX exist first...

...components,

// --- Headings / text (keep yours if you already have them) ---

h1: (props: any) => <h1 {...props} className={cx("text-3xl md:text-4xl font-semibold mt-6 mb-3", props.className)} />,

h2: (props: any) => <h2 {...props} className={cx("text-2xl font-semibold mt-6 mb-2", props.className)} />,

p: (props: any) => <p {...props} className={cx("text-neutral-800 leading-relaxed my-5", props.className)} />,

// --- Table styling (these are the important bits) ---

table: (props: any) => (

<div className="overflow-x-auto my-4">

<table

{...props}

className={cx(

// width + layout

"w-full border-separate border-spacing-0 text-sm",

// outer ring so it’s obvious the style applied

"rounded-xl outline outline-1 outline-neutral-200",

props.className

)}

/>

</div>

),

thead: (props: any) => (

<thead

{...props}

className={cx("bg-neutral-50", props.className)}

/>

),

tr: (props: any) => (

<tr

{...props}

className={cx("even:bg-neutral-50", props.className)}

/>

),

th: (props: any) => (

<th

{...props}

className={cx(

"text-left font-semibold p-2 align-bottom",

"border-b border-neutral-200",

props.className

)}

/>

),

td: (props: any) => (

<td

{...props}

className={cx(

"p-2 align-top",

"border-b border-neutral-200",

props.className

)}

/>

),

// Optional: nicer details/summary

details: (props: any) => (

<details {...props} className={cx("my-4 rounded-xl border bg-white/60 p-4 open:shadow-sm", props.className)} />

),

summary: (props: any) => (

<summary {...props} className={cx("cursor-pointer select-none font-medium list-none flex items-center justify-between", props.className)} />

),

};

}

# App/writing/page.tsx

import Link from 'next/link';

import { posts } from './posts';

export default function WritingIndex() {

const sorted = [...posts].sort((a,b) => (a.date < b.date ? 1 : -1));

return (

<main className="mx-auto max-w-6xl px-4 sm:px-6 py-16 md:py-24">

<h1 className="text-3xl font-semibold mb-6">Writing</h1>

<div className="grid md:grid-cols-2 gap-6">

{sorted.map(p => (

<article key={p.slug} className="rounded-2xl border p-5 hover:shadow-md transition-shadow">

<h2 className="text-lg font-semibold"><Link href={`/writing/${p.slug}`}>{p.title}</Link></h2>

<p className="text-xs text-neutral-500">{p.date}{p.series ? ` • ${p.series}` : ''}</p>

<p className="text-sm text-neutral-700 mt-2">{p.summary}</p>

<div className="mt-3"><Link className="text-sm underline" href={`/writing/${p.slug}`}>Read</Link></div>

</article>

))}

</div>

</main>

);

}

import Link from 'next/link';

import Card, { CardHeader, CardTitle, CardContent } from '@/components/Card';

export default function HomePage() {

return (

<main>

<section id="home" className="mx-auto max-w-6xl px-4 sm:px-6 py-20 md:py-28">

<div className="grid md:grid-cols-12 items-center gap-8">

<div className="md:col-span-7">

<p className="text-sm uppercase tracking-widest text-neutral-500">Portfolio • Writing • Teaching</p>

<h1 className="mt-3 text-4xl/tight md:text-6xl/tight font-semibold">Music educator, prompt engineer, & creative strategist.</h1>

<p className="mt-4 text-neutral-600 max-w-prose">I help people learn, design, and communicate—across classical music, opera, and AI. Explore selected projects, essays, and resources.</p>

<div className="mt-6 flex flex-wrap gap-3">

<Link href="/projects" className="rounded-2xl px-4 py-2 bg-black text-white">See my work</Link>

<Link href="/writing" className="rounded-2xl px-4 py-2 border">Read my writing</Link>

</div>

</div>

<div className="md:col-span-5">

<Card><CardHeader><CardTitle>Currently</CardTitle></CardHeader><CardContent>

<ul className="space-y-3 text-sm text-neutral-600">

<li>• Building a prompt‑engineering portfolio and resources for educators.</li>

<li>• Exploring Mahler & opera pedagogy; drafting beginner‑friendly harmony notes.</li>

<li>• Consulting on cultural representation frameworks in the performing arts.</li>

</ul>

</CardContent></Card>

</div>

</div>

</section>

<section id="work" className="bg-neutral-50 border-y">

<div className="mx-auto max-w-6xl px-4 sm:px-6 py-16 md:py-24">

<div className="flex items-end justify-between mb-8">

<h2 className="text-2xl md:text-3xl font-semibold">Selected Work</h2>

<Link href="/projects" className="text-sm inline-flex items-center gap-1 hover:opacity-70">All projects →</Link>

</div>

<div className="grid md:grid-cols-3 gap-6">

{[

{ title: 'Prompt Engineering Glossary', blurb: 'A structured glossary with examples and use cases.', href: '/projects/glossary' },

{ title: 'Music Theory Pedagogy Tools', blurb: 'Accessible handouts re‑adapting Piston’s Harmony.', href: '/projects/pedagogy-tools' },

{ title: 'Cultural Integrity Grid Toolkit', blurb: 'Rubrics inspired by Phil Chan for representation.', href: '/projects/cultural-grid' }

].map(p => (

<Card key={p.title}><CardHeader><CardTitle>{p.title}</CardTitle></CardHeader><CardContent>

<p className="text-sm text-neutral-600">{p.blurb}</p>

<div className="mt-4"><Link href={p.href} className="rounded-2xl px-3 py-1.5 border inline-block">View project</Link></div>

</CardContent></Card>

))}

</div>

</div>

</section>

<section id="writing" className="mx-auto max-w-6xl px-4 sm:px-6 py-16 md:py-24">

<div className="flex items-end justify-between mb-8">

<h2 className="text-2xl md:text-3xl font-semibold">Writing</h2>

<Link href="/writing" className="text-sm inline-flex items-center gap-1 hover:opacity-70">All posts →</Link>

</div>

<div className="grid md:grid-cols-2 gap-6">

<Card><CardHeader><CardTitle>Teach the Machine – Part 1</CardTitle></CardHeader><CardContent>

<p className="text-sm text-neutral-600">Why prompt patterns work as learn‑by‑teaching strategies.</p>

<div className="mt-4"><Link href="/writing/teach-the-machine-part-1" className="rounded-2xl px-3 py-1.5 border inline-block">Read</Link></div>

</CardContent></Card>

<Card><CardHeader><CardTitle>Mahler 7: Finding the Line</CardTitle></CardHeader><CardContent>

<p className="text-sm text-neutral-600">First impressions from a late‑in‑life discovery.</p>

<div className="mt-4"><Link href="/writing/mahler-7-finding-the-line" className="rounded-2xl px-3 py-1.5 border inline-block">Read</Link></div>

</CardContent></Card>

</div>

</section>

</main>

);

}