

ARCHI-TECH PLATFORM



🌟 Overview

ARCHI-TECH PLATFORM is a high-performance, visually stunning landing page designed for a modern Architecture Firm. It seamlessly blends the precision of **Artificial Intelligence** with the ancient harmony of **Vastu Shastra**.

Built with the latest web technologies, this platform offers an immersive user experience through interactive reveal effects, smooth scroll animations, and a premium "Tech-Zen" aesthetic.

🚀 Tech Stack

- **Framework:** [Next.js 14](#) (App Router)
- **Styling:** [Tailwind CSS](#)
- **Animations:** [Framer Motion](#)
- **Icons:** [Lucide React](#)

- **Fonts:**
 - Headers: Playfair Display (Luxury/Classic)
 - Body: Inter (Clean/Modern)

🌟 Key Features

1. 🖱️ Interactive Hero Section

- **Concept:** "Designing Destiny"
- **Effect:** A unique "flashlight" reveal interaction. Moving the mouse cursor reveals a photorealistic architectural rendering ("Reality") hidden beneath a wireframe blueprint ("AI Precision").
- **Implementation:** Uses Framer Motion for real-time cursor tracking and masking.

2. 📱 Services Grid (Bento-Box Layout)

- **Design:** A modern, grid-based layout showcasing core services.
- **Visuals:** Glassmorphism cards that glow on hover.
- **Content:**
 - AI-Driven Architecture
 - Vastu Shastra Consulting
 - Holistic Planning
 - Interior Design

3. ⌚ The Process Timeline

- **Structure:** A vertical timeline illustrating the project lifecycle.
- **Flow:** From "AI Site Analysis" to "Execution".
- **Animation:** Elements fade in and slide into view as the user scrolls.

4. 📄 Minimalist Contact Section

- **Background:** An abstract topological map pattern (SVG) adding depth without distraction.
- **Form:** A clean, functional contact form with `suppressHydrationWarning` implemented for stability.

🎨 Design System

The project follows a strict "Tech-Zen" theme:

- **Colors:**
 - Charcoal (`#1a1a1a`) : Represents depth, AI, and sophistication.
 - Gold (`#d4af37`) : Represents luxury, Vastu, and warmth.
- **Typography:**
 - Combines the elegance of serif headings with the readability of sans-serif body text.

🔧 Installation & Setup

Follow these steps to run the project locally:

1. **Clone the repository** (if applicable) or navigate to the project directory:

```
cd archi-tech-platform
```

2. **Install dependencies:**

```
npm install
```

3. Run the development server:

```
npm run dev
```

4. Open the application: Visit <http://localhost:3000> in your browser.

Project Structure

```
archi-tech-platform/
├─ app/
│  ├─ layout.tsx      # Root layout with fonts & Navbar
│  ├─ page.tsx        # Main landing page composition
│  └─ globals.css     # Global styles & Tailwind theme
├─ components/
│  ├─ Navbar.tsx      # Responsive navigation
│  ├─ Hero.tsx        # Interactive hero section
│  ├─ Services.tsx    # Services grid
│  ├─ Process.tsx     # Timeline component
│  └─ Contact.tsx     # Contact form
├─ public/
│  └─ images/         # Static assets (Hero images)
├─ tailwind.config.ts # Tailwind configuration
└─ package.json       # Dependencies & scripts
```

Customization

You can easily customize the theme in `app/globals.css` (using Tailwind v4 theme variables) or `tailwind.config.ts` depending on your setup.

Colors:

- `--color-charcoal` : Change this to update the primary background color.
- `--color-gold` : Change this to update the accent color.

License

This project is available for personal and commercial use.