

# 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.