# DreamScreen.ai

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DreamScreen.ai is a sleek, modern web application for generating custom wallpapers using AI. Users can sign in, describe their ideal wallpaper, select an art style, choose a device aspect ratio, and even enhance their prompts with AI for more vivid results.

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Key **Features**

- **AI Wallpaper Generation:** Generate high-quality, custom wallpapers from simple text descriptions.

- **AI Prompt Enhancement:** Automatically improve and add detail to your prompts with a single click using AI.

- **Multiple Art Styles:** Choose from a variety of styles, including Photorealistic, Minimalist, Anime, Fantasy, Cyberpunk, and more.

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Key Features

- **Device-Specific Aspect Ratios:** Create wallpapers perfectly formatted for Mobile (9:16), Desktop (16:9), Tablet (4:3), Ultrawide (21:9), and Profile Pics (1:1).

- **Secure User Authentication:** Full sign-in, sign-up, password reset, and email verification flow (Email/Password & Google Login).

- **Modern Glassmorphism UI:** A beautiful, responsive interface built with Tailwind CSS and custom glass-ui effects.

- **Responsive Design:** Fully responsive layout that works seamlessly on desktops, laptops, tablets, and mobile devices (iOS & Android).

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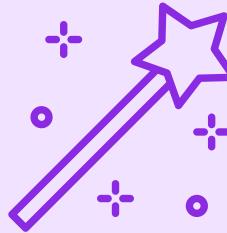
Art Styles Available

- **Photorealistic:** Creates images that are indistinguishable from real photographs, focusing on lifelike detail, lighting, and textures.

- **Minimalist:** Focuses on simplicity, using a limited color palette and clean lines to expose the essence of the subject.

- **Anime:** Replicates the popular Japanese art style known for vibrant colors, distinct facial features (like large eyes), and dynamic, flat-shaded visuals.

- **Fantasy Art:** Generates mystical and magical scenes, depicting mythical creatures, enchanted landscapes, and epic adventures.

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Art Styles Available
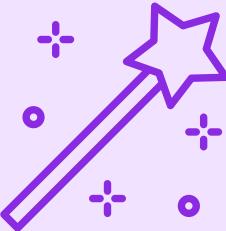
- **Cyberpunk:** Produces high-tech, futuristic cityscapes drenched in neon lights, often with a dark, dystopian atmosphere.

- **Pixel Art:** Creates charming, retro-style images reminiscent of classic 8-bit and 16-bit video games, built pixel by pixel.

- **Abstract:** Uses shapes, colors, forms, and gestural marks to achieve an effect rather than representing visual reality.

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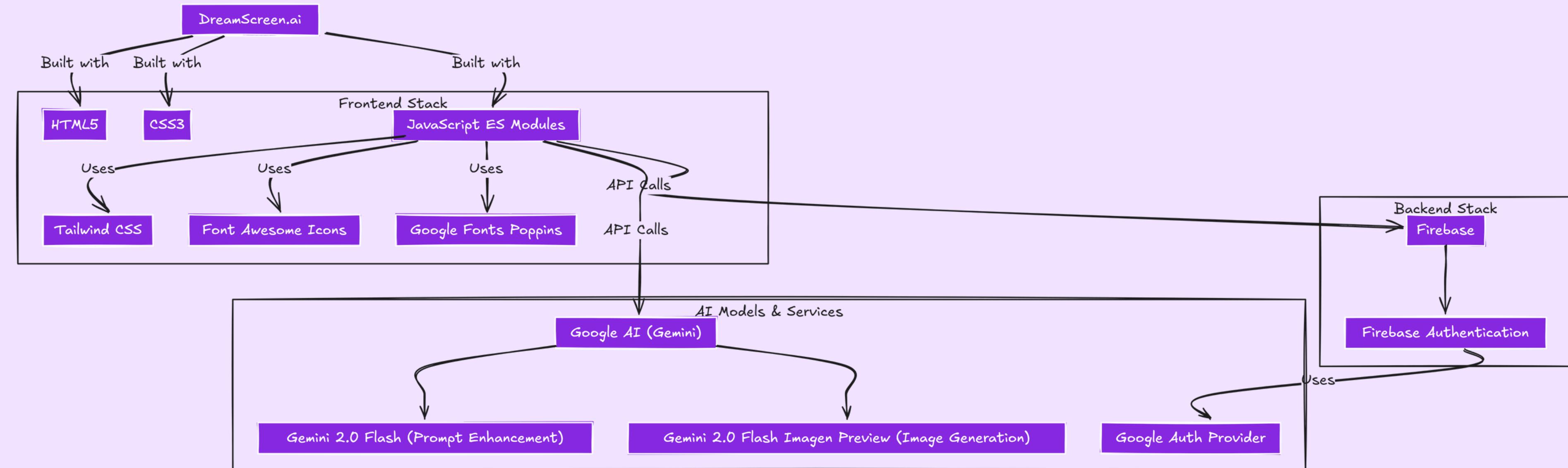
Aspect Ratios Supported
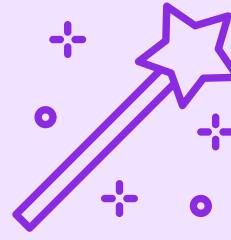
- **Mobile (9:16):** A vertical format perfect for smartphone lock screens and backgrounds, filling the entire screen.

- **Laptop/Desktop (16:9):** The standard widescreen format for most modern monitors, laptops, and HD televisions.

- **Tablet (4:3):** A more "square" format that fits nicely on most tablets, such as the iPad, in both portrait and landscape orientation.

- **Ultrawide (21:9):** A cinematic format designed for ultrawide monitors, offering an immersive, panoramic view.

- **Profile Pic (1:1):** A perfect square, ideal for use as a profile picture on social media, Discord & others.

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Our Technology

DreamScreen.ai

Built with → HTML5
Built with → CSS3
Built with → JavaScript ES Modules

Frontend Stack

JavaScript ES Modules
- Uses → Tailwind CSS
- Uses → Font Awesome Icons
- Uses → Google Fonts Poppins
- API Calls
- API Calls

Backend Stack

Firebase → Firebase Authentication

AI Models & Services

Google AI (Gemini)
- Gemini 2.0 Flash (Prompt Enhancement)
- Gemini 2.0 Flash Imagen Preview (Image Generation)
- Google Auth Provider

Uses

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Try Now: https://dreamscreen-ai.web.app/

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Thank You