

# SAT WEBSITE – EXPANDED ARCHITECTURE EXPLAINED

## **Backend (app.py)**

Controls all routing, subscription logic, validation, consent enforcement, and secure storage.

## **Data Layer**

Located in the *data/* directory, not publicly accessible. Stores subscribers in Excel format as an interim secure model before database migration.

## **Templates**

Contains all HTML views using Jinja templating. Includes base layout, page-specific templates, and isolated footer partials.

## **Static Assets**

CSS files are separated by responsibility (global, footer, join-us, privacy-law). JavaScript handles UI enhancements and scroll reveal effects. Images and SVG icons are organized by usage (logos, video icons, social icons).

## **Security & Compliance**

Explicit consent is enforced, reduced-motion accessibility respected, and no sensitive data is exposed publicly.