

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.