Project Documentation - Personal Website

This document provides detailed documentation for Arbi's Personal Website project, covering structure, code, functionality, and styling for each page and supporting files. Screenshots of the rendered pages are also included for reference.

1. main.py (Flask Application)

This is the backend Python file using Flask. It serves as the entry point of the web application.

- '/' route → renders index.html (home page)

- '/about' route → renders about.html (About Me page)

- '/projects' route → renders projects.html (Projects page)

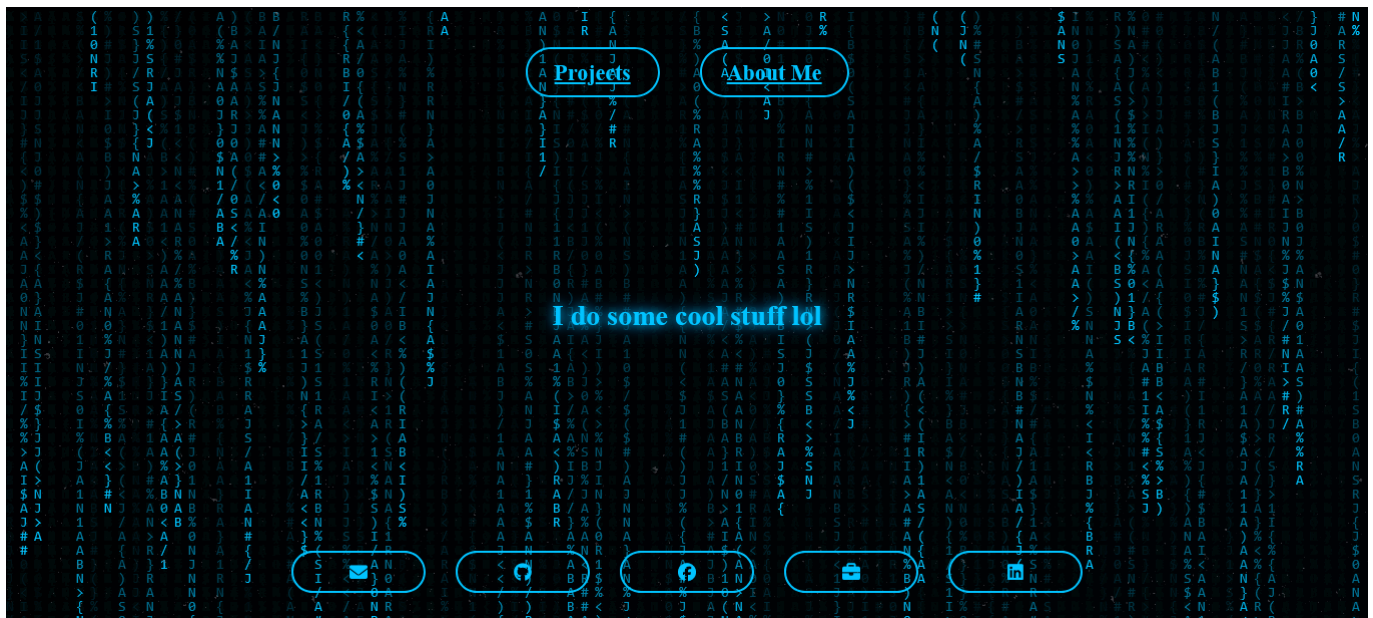The app runs with debug=True enabled for development purposes.

2. index.html (Home Page)

The landing page of the portfolio. It contains:

- Background canvas animation (Matrix rain effect)

- Navigation menu (Projects, About Me)

- Intro text in the center

- Social media links (Email, GitHub, Facebook, Upwork, LinkedIn)

This page sets the first impression and links to other sections.

Screenshot:

3. about.html (About Page)

This page contains personal details about Arbi.

- Background animation (Matrix rain effect)

- About container with frosted glass design

- Personal introduction (developer, interests, hobbies)

- Back to Home button with icon

It gives visitors an insight into the developer's personality and interests.

Screenshot:

4. projects.html (Projects Page)

This page showcases projects in a card-based carousel layout.

- Background animation (Matrix rain effect)

- Projects displayed as cards with icons, titles, descriptions, and GitHub links

- Navigation controls (Next, Prev) to cycle through projects

- Back to Home button with icon

JavaScript is used to add sliding animations for project transitions.

Screenshot:

5. style.css (Styling)

The main stylesheet that defines the layout, colors, and animations:

- Menu styling (top navigation, glowing hover effects)

- Intro text styling (center positioning, neon glow)

- Social links (bottom placement, hover effects)

- Background (gradient with star overlay)

- Projects album (cards with sliding animations)

- About page (frosted glass styled container)

- Canvas for Matrix rain animation

It ensures a futuristic aesthetic across all pages.

6. matrix.js (Matrix Rain Background)

This script generates a 'Matrix rain' falling text animation on the canvas background.

- Covers full viewport

- Randomized characters fall in green streams

- Creates a tech-inspired effect

This background adds visual uniqueness to all pages.

7. .gitignore

Configured to ignore all files (*) by default.

This prevents unnecessary files from being committed to Git.

Note: May need adjustments to allow source code and templates to be included in version control.