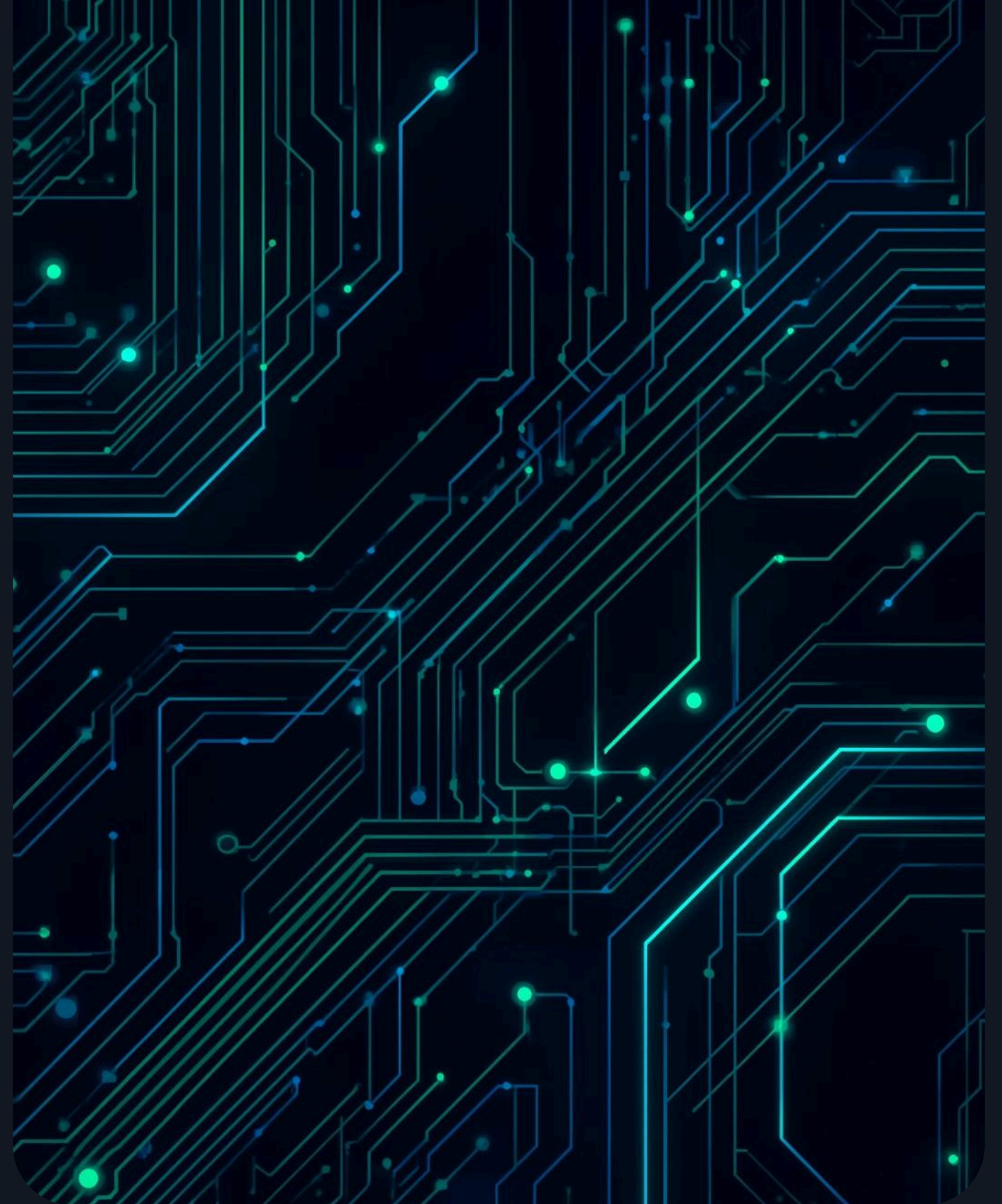# Personal Portfolio Web Application

Abdulaziz Alguraini, 202255320, 11/12/2025

Project Overview

This portfolio website is built using **HTML**, **CSS**, and **JavaScript** without frameworks, showcasing my work and skills, and deployed effortlessly on **GitHub Pages**.

Personalization Features

01   **TIME-BASED GREETING**
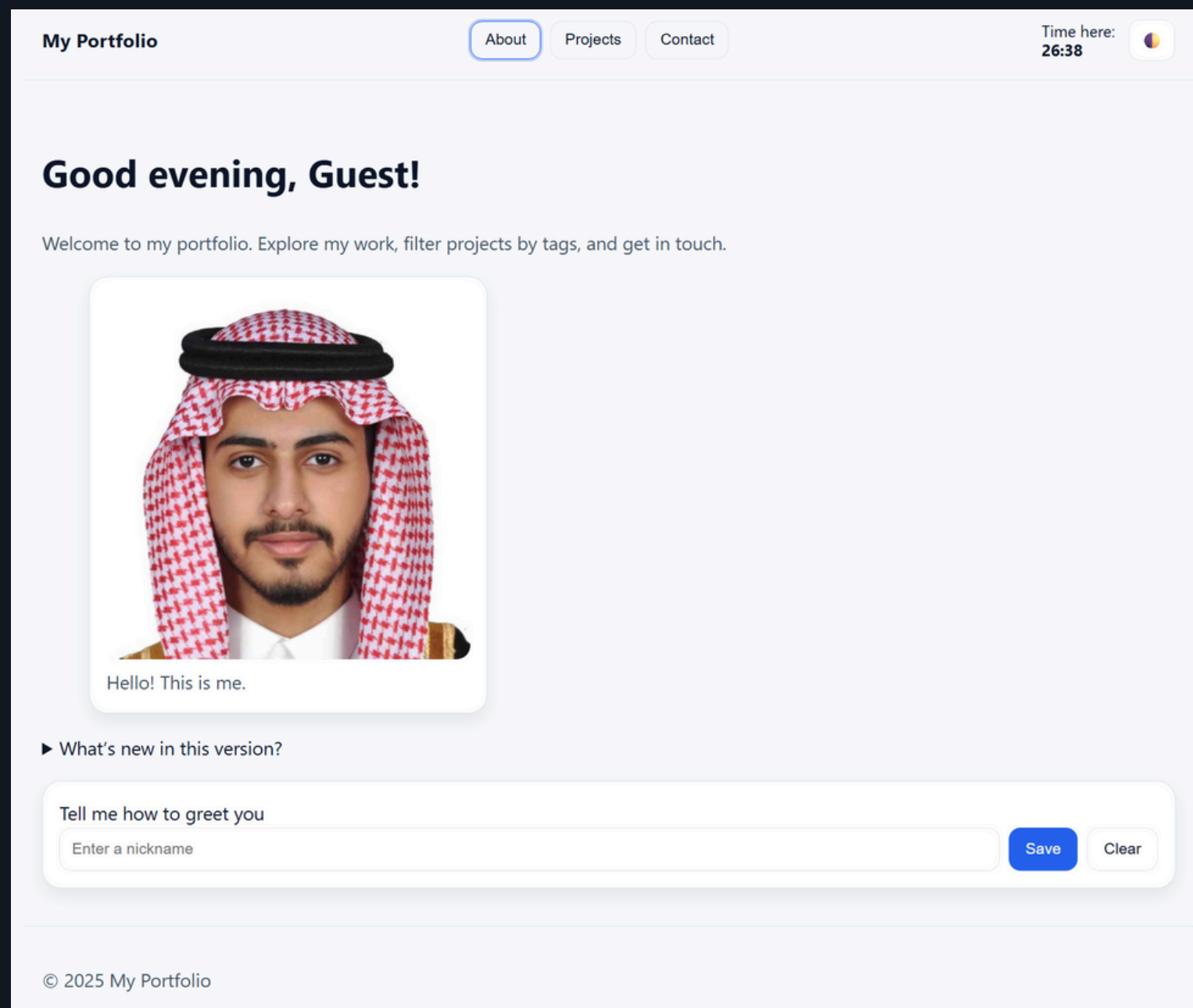
Personalized message based on the time.

02   **CUSTOM NAME INPUT**

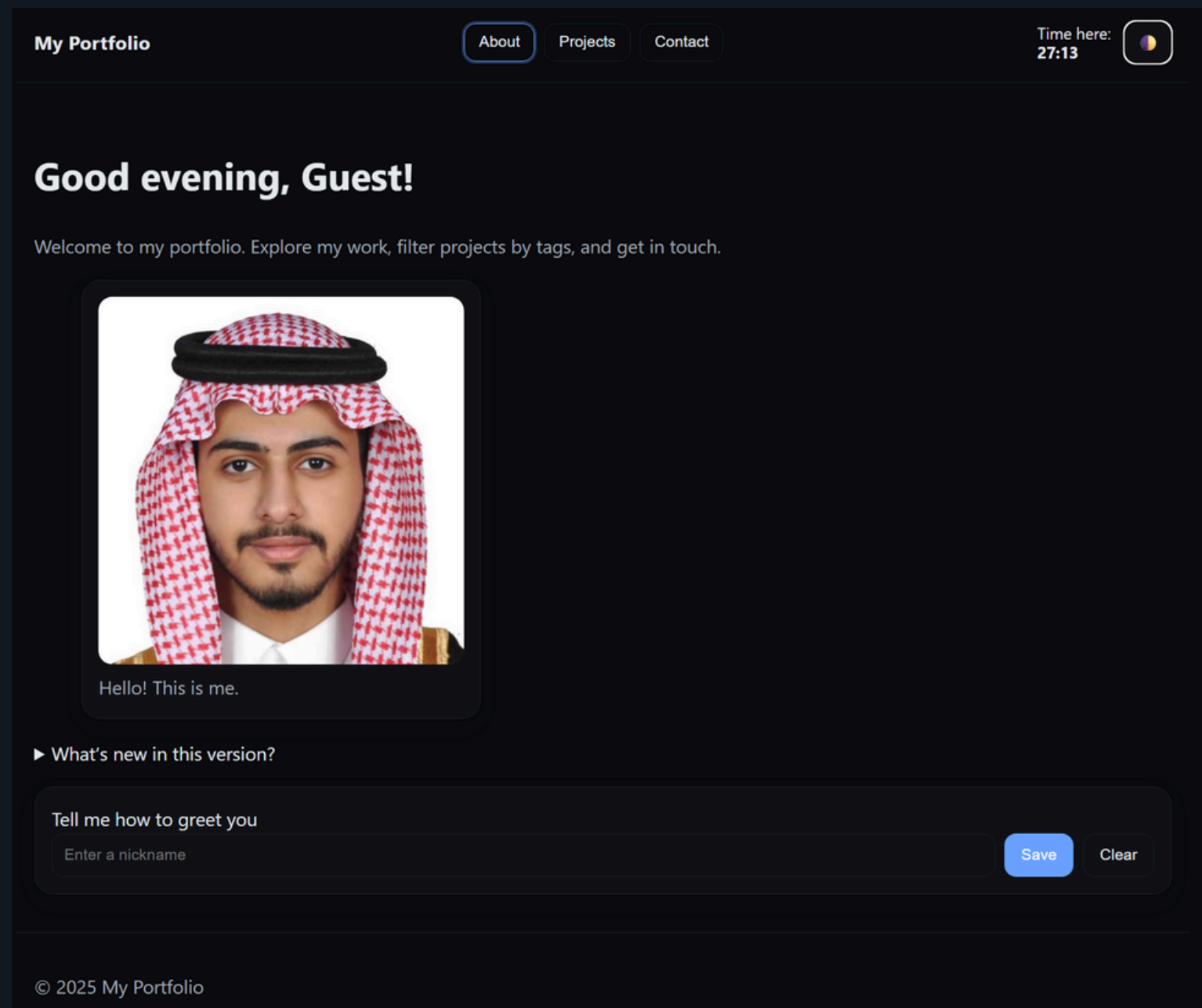User's name saved in local storage.

03   **LIVE SESSION TIMER**

Displays time spent on the website.

Theme System

01   **DARK/LIGHT MODE TOGGLE**

Users can switch between themes easily.

02   **SAVED COLOR PREFERENCES**

Color choices persist across user sessions.
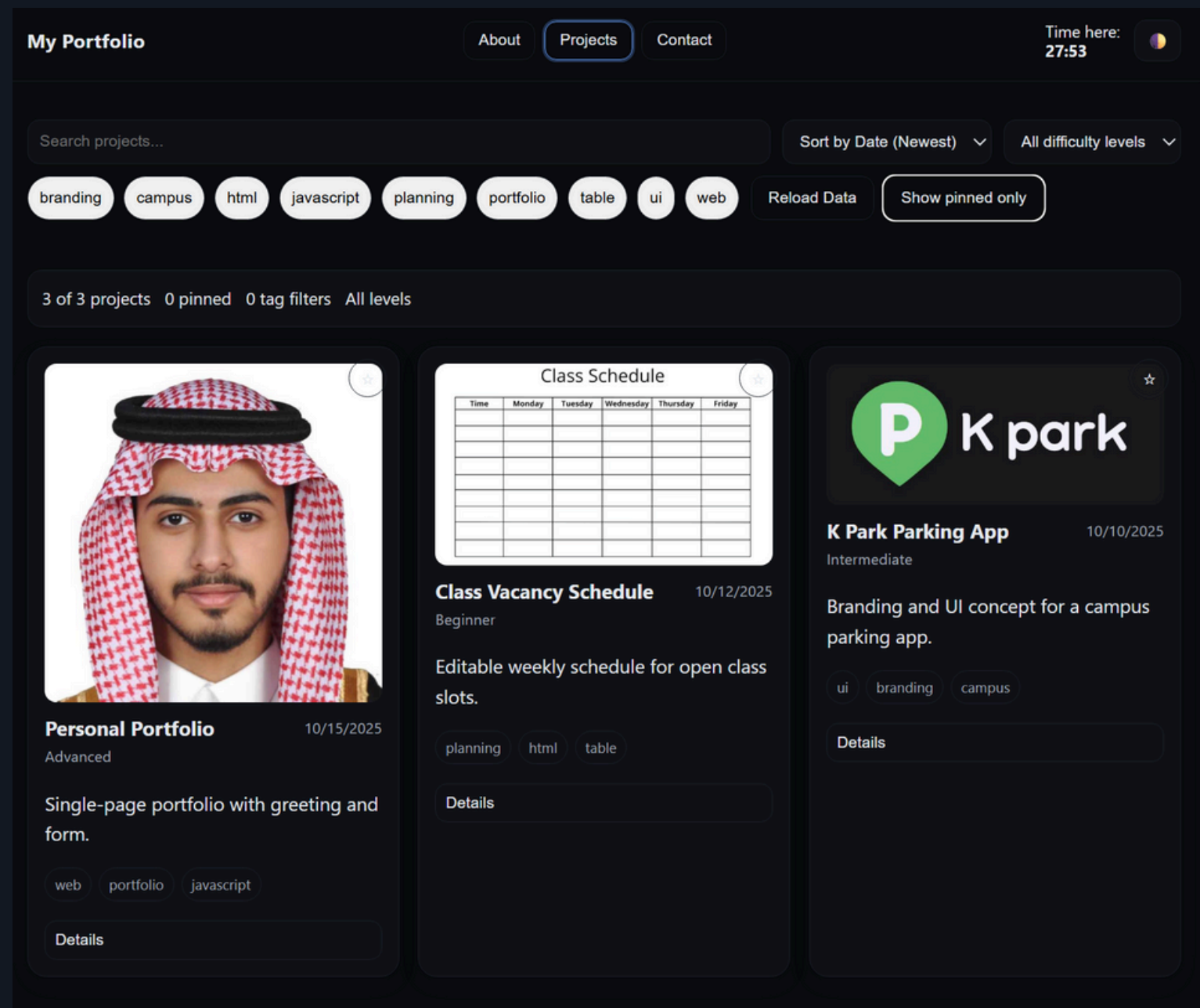
03   **SMOOTH TRANSITIONS**

CSS variables create seamless theme changes.

Project Gallery Features

01   **DISPLAY OF PROJECT CARDS**

Showcase individual projects with images

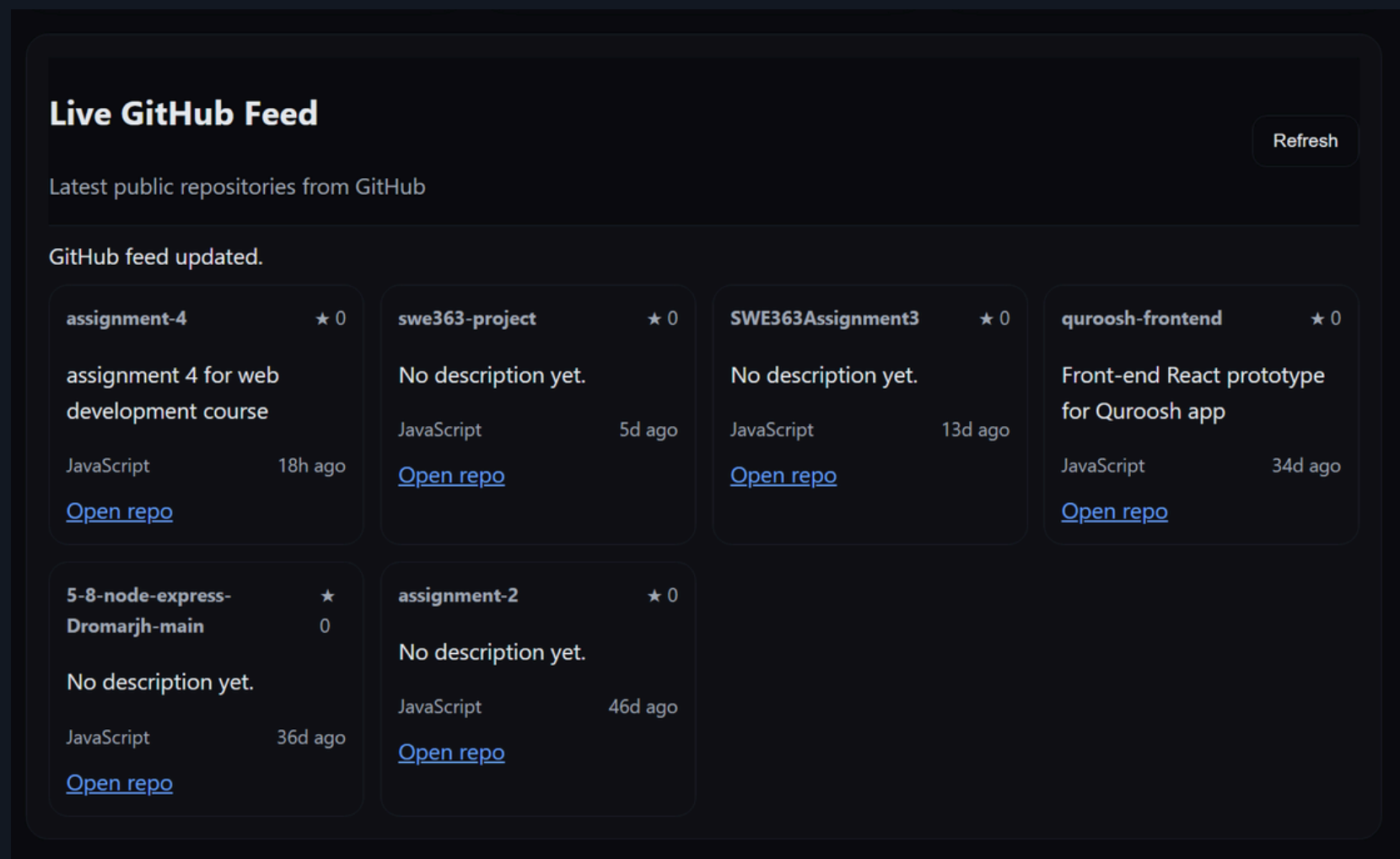**02**   **SEARCH BAR FUNCTIONALITY**

Allow users to filter projects easily

03   **TAG CHIPS FOR CATEGORIES**

Enable quick filtering by project type

GitHub Integration Features

Live GitHub Feed

Refresh

Latest public repositories from GitHub

GitHub feed updated.

assignment-4 ★ 0	swe363-project ★ 0	SWE363Assignment3 ★ 0	quroosh-frontend ★ 0
assignment 4 for web development course	No description yet.	No description yet.	Front-end React prototype for Quroosh app
JavaScript 18h ago	JavaScript 5d ago	JavaScript 13d ago	JavaScript 34d ago
Open repo	Open repo	Open repo	Open repo

5-8-node-express-Dromarjh-main ★ 0	assignment-2 ★ 0
No description yet.	No description yet.
JavaScript 36d ago	JavaScript 46d ago
Open repo	Open repo

01 **LIVE REPOSITORY FEED**

Displays latest repositories from GitHub API

02 **LAZY LOADING**

Triggers on scroll for user efficiency

03 **REFRESH BUTTON**

Allows manual update of displayed repositories

Contact Form Features

01   **REAL-TIME VALIDATION**

Instant feedback for user inputs.

02   **FORMSPREE INTEGRATION**

Efficient email sending for inquiries.

03   **NOTIFICATIONS**

Alerts for success or errors.

Contact Me

Name

Your name

Email

you@example.com

Message

How can I help?

Send

Accessibility Features

01   **SEMANTIC HTML STRUCTURE**

Ensures content is well-organized and meaningful

02   **KEYBOARD NAVIGATION SUPPORT**

Allows users to navigate without a mouse

03   **SCREEN READER FRIENDLY**

Enhances usability for visually impaired users

Performance Optimizations

01 **LAZY LOADING**

Reduces initial load times significantly.

02 **CSS PRELOADING**

Enhances rendering speed for critical styles.

03 **OPTIMIZED RENDERING**

Improves efficiency of off-screen content.

AI Development Tools

01   **GITHUB COPILOT**

Provides intelligent code suggestions in real-time

02   **CHATGPT AND CLAUDE**

Used for brainstorming project features effectively

03   **CODE REVIEW PROCESS**

Ensures quality by reviewing AI-generated code

Challenges and Solutions

01   **API RATE LIMITS**

Implemented lazy loading for efficiency

02   **COMPLEX FILTERS**

Unified functions for better management

03   **THEME TRANSITIONS**

Consistency maintained across all elements

Future Improvements

01   **SHAREABLE FILTER URLS**

Enable easy sharing of project filters

02   **PAGINATION FOR GALLERY**

Manage large portfolios with multiple pages

03   **OFFLINE CACHING**

Enhance availability without internet connection

Thank you

ABDULAZIZ ALGURAINI