

A decorative border in white line art surrounds the central text. It features large, ornate corner pieces with floral motifs and smaller scrollwork and floral elements interspersed between them.

# Personal Portfolio

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# Project Objectives



**O1**

## Showcase Proficiency

Demonstrate mastery of modern frontend development (React, Hooks, Data Flow).

**O2**

## Advanced Interaction

Implement complex features (API integration, State Persistence, Filtering).

**O3**

## High Performance

Achieve top-tier Lighthouse scores (Performance, Accessibility).





# Core Achievement



**O1**

## Architecture

Single-Page Application  
(SPA) powered by  
React-18 and Vite

**O2**

## Aesthetic

Unified Glass-Morphism  
design.



# Core Technical Architecture



## Front-End

React 18 (Vite)



## Language

JavaScript (ES6+  
Modules)



## Styling

Modern CSS (Flex, Grid,  
backdrop-filter)



## Data

Fetch API, localStorage



# Features



## GitHub Repo

Fetch live repos from  
'ReemaIQ'



## Logic

Supports Chained  
Filtering (Search,  
Language, Month)



## Trivia Card

Interactive quiz using  
using \*Useless Facts  
API\*



## Hero

Clock, Interactive  
greeting



## Quote Cards

Daily quote with  
refresh and error  
fallback.



## Favorites

Star/unstar Projects or  
Repos.



## Contact Form

Full validation flow.



## Projects

Projects cards.



# Challenges

**01**

**Complex  
Filtering &  
Search**

**02**

**Performance  
Issues**

**03**

**Cards**





# Innovation



**Month Picker**

**Optimized  
Images**

**Animated  
Background**

**Cards**





# Performance Improvement



**Before**

59 Score



**After**

92 - 97

Image compression  
Lazy loading  
Cleaner re-renders  
LCP/FCP fixes







# Learning Outcomes



**API handling**

**Derived state**

**Hooks**

**Performance  
tuning**

**UX  
improvements**

**Responsible  
AI usage**



A decorative border in a light purple color frames the central text. It features ornate, symmetrical scrollwork and floral motifs on the left and right sides. Scattered throughout the background are various small floral and leaf-like designs, including a large flower at the top center, a rose at the bottom center, and several smaller flowers and leaves in the corners and mid-sections.

**Thank You**