

The background is dark with several large, overlapping circles in shades of purple, blue, and pink. Some circles have a gradient or a subtle pattern. A thin horizontal line with a small pink dot at its right end is positioned below the title.

# My Personal Portfolio Web Application

SWE363 – Assignment 4  
Lujain Aljehani



# Project Overview

This is my personal portfolio website for SWE363, developed across Assignments 1, 2, and 3. The goal of Assignment 4 to bring everything together into a polished, professional project that demonstrates my full range of skills



# Features Overview

Home & About  
Sections

Projects  
Section

Contact  
Section

API-based  
Quote  
Generator

Smooth  
navigation &  
interactions

Fully  
responsive  
mobile design



# Architecture



## Front-end:

HTML, CSS, JavaScript



## External APIs

ZenQuotes API, GitHub API



## Deployment

GitHub Pages

# Challenges



Styling  
consistency  
across devices



Understanding  
fetch + JSON  
responses



Quote API blocked

# Lessons Learned



Connecting an API to  
a webpage



Building responsive  
layouts & Cleaner  
CSS



Writing technical  
documentation



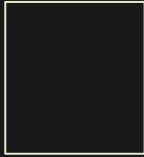
Deploying a live  
website



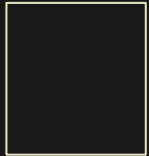
# Use of AI Tools



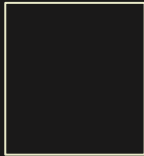
Debugging  
JavaScript errors



Designing responsive  
CSS



Editing  
documentation



Improving UI layout  
ideas



The background is a solid black color. It is decorated with several large, semi-transparent circles and smaller, thin-lined circles. The circles feature vibrant color gradients, including shades of orange, yellow, pink, purple, and blue. Some circles are solid with gradients, while others are just thin outlines in the same color palette.

# Thanks!

<https://lujainkfupm.github.io/assignment-4/>