

Personal Portfolio

Assignment 4

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SWE363 - 251



Project Overview

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- Fully responsive personal portfolio website
- Built using HTML, CSS, and JavaScript
- Includes Home, About, Projects, and Contact sections
- Designed to be clean, minimal, and professional
- Deployed publicly online

Khawlah Al-Malki

Home About Experience Projects Skills Awards Contact

Khawlah Al-Malki

Computer Science Student @ KFUPM • SABIC Scholar • Impact-driven builder of student ecosystems and practical tech.

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About Me



I'm a CS student at KFUPM and a SABIC Scholar. I am passionate about leadership and creating lasting impact, which has guided my journey as a former President of the Female Computer Club at KFUPM and organizer of international student initiatives. Through my work, I aim to empower others, build inclusive communities, and develop solutions that bridge technology with meaningful change.

22°C | 00:14

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Objectives

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1

Apply all course
concepts in one
final project

2

Build a
professional
portfolio website

3

Demonstrate
clean structure,
responsiveness,
and interactivity

4

Use AI tools
responsibly to
enhance
development, not
replace learning

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Technical Architecture

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```
assignment-4/
├── README.md
└── index.html
├── css/
│   └── styles.css
├── js/
│   └── script.js
├── assets/
│   ├── images/
│   └── cv/
├── docs/
│   ├── ai-usage-report.md
│   └── technical-documentation.md
├── presentation/
│   ├── slides.pdf
│   └── demo-video.mp4
└── .gitignore
```

- Frontend: HTML, CSS, JavaScript
- File Structure: Organized folders for CSS, JS, assets, docs
- Deployment: GitHub Pages / Netlify / Vercel

Key Features

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- Clean landing page with simple UI
- Contact form with validation
- Download CV button
- Mobile-friendly design
- API Integration

Today's Insight

"Once you find a really good friend don't do anything that could mess up your friendship."

New Insight

Cloudy 22°C | 00:01

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Live Demo

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Click here!

AI Integration

- Used AI tools for:
 - Code debugging and fixes
 - Improving JavaScript logic
 - Writing documentation
 - Refining design decisions
- All suggestions reviewed & modified by me
- AI used responsibly and ethically



Technical Challenges

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- + Ensuring full responsiveness
- + Organizing the code into clean, maintainable structure
- + Debugging JavaScript behaviors

Improving UI consistency across devices



Solutions & Improvements

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- + Split CSS and JS into separate organized files
- + Tested layout across multiple screen sizes
- + Used AI for debugging, but rewrote code myself
- + Optimized assets and removed unused code



Lessons Learned

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- + How to build a complete frontend project from scratch
- + Importance of clean structure and documentation
- + Better debugging skills
- + How to integrate AI tools effectively in development



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THANKYOU!