

Personal Portfolio

Assignment 4

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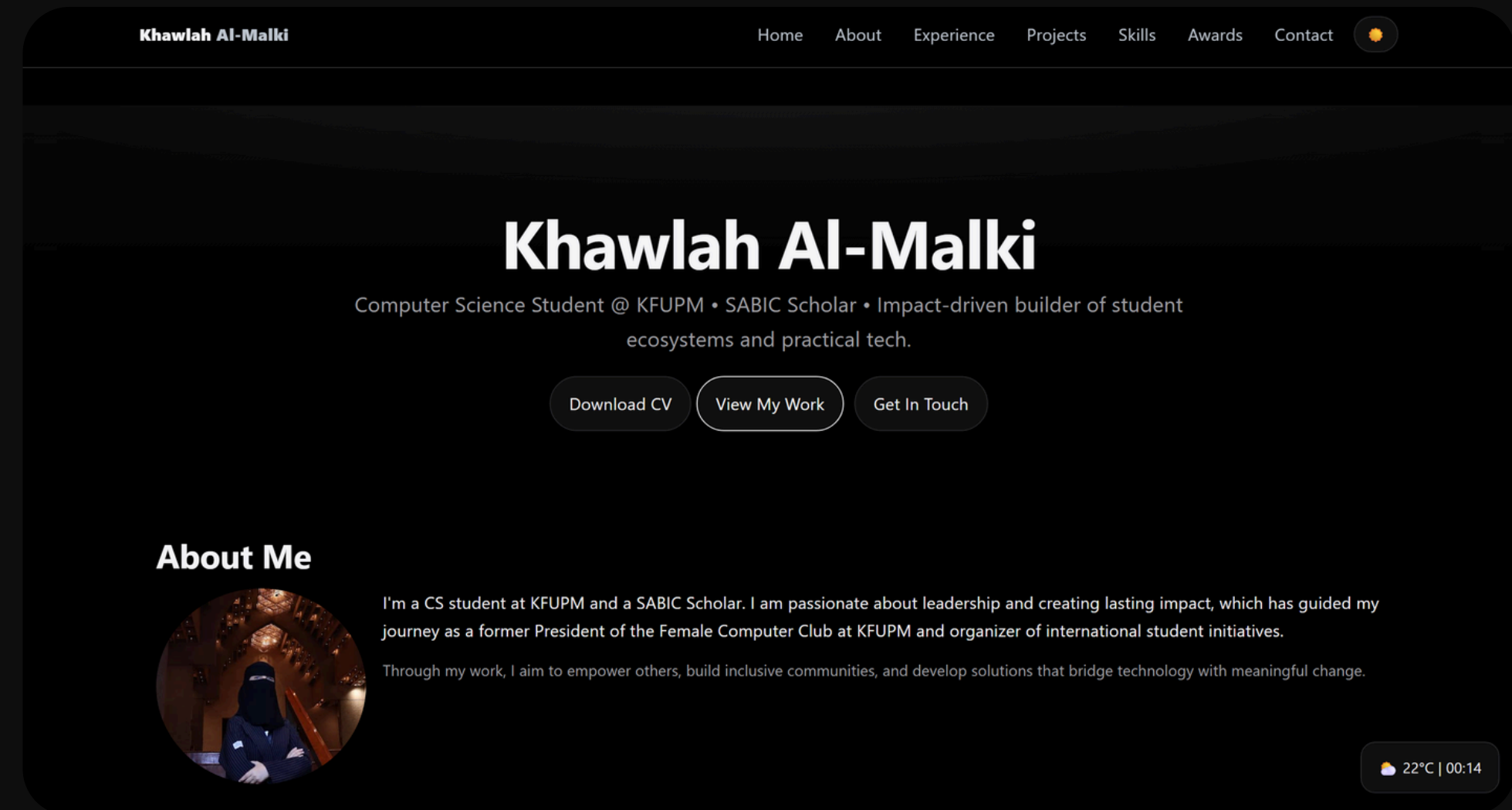
SWE363 - 251



Project Overview



- 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



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



```
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

- 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

🌤️ 22°C | 00:01

Khawlah Al-Malki

Science Student @ KFUPM • SABIC Scholar • Impact-driven build ecosystems and practical tech.

Download CV

View My Work

Get In Touch



EmailJS

Live Demo



[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





THANK YOU!