PORTFOLIO PROJECT REPORT

A Journey of Creativity
& Challenges

MARCH 2025

Prepared by
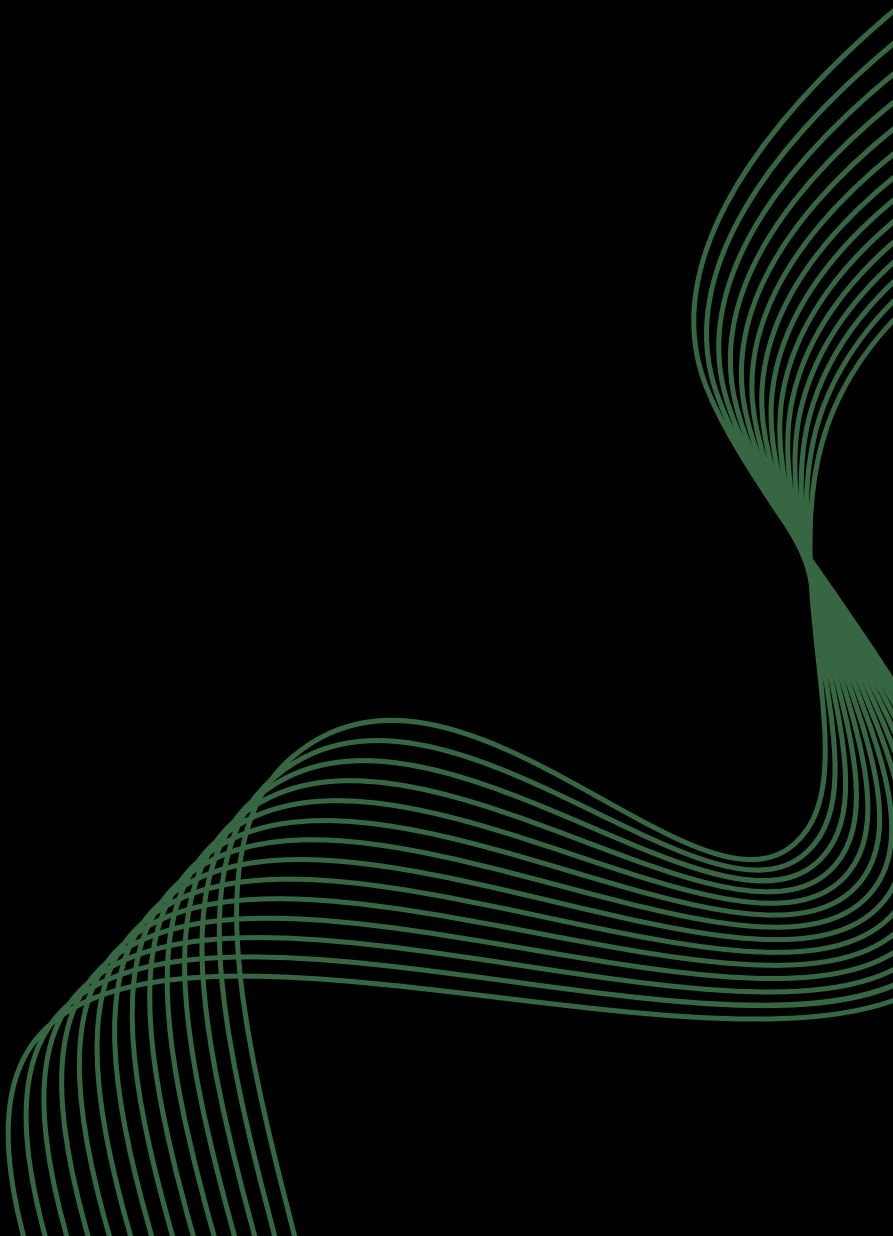
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Approved by

Dr. Sarra Boudouh

Introduction:

Starting from Scratch

When I started this project, I wanted my Portfolio to reflect my unique personality. I didn't want a typical website with a simple menu and links I wanted something memorable and engaging.
The goal was clear: A design inspired by classic computer interfaces but modern and well-structured. The challenge was to bring this idea to life in a way that felt both professional and creative.
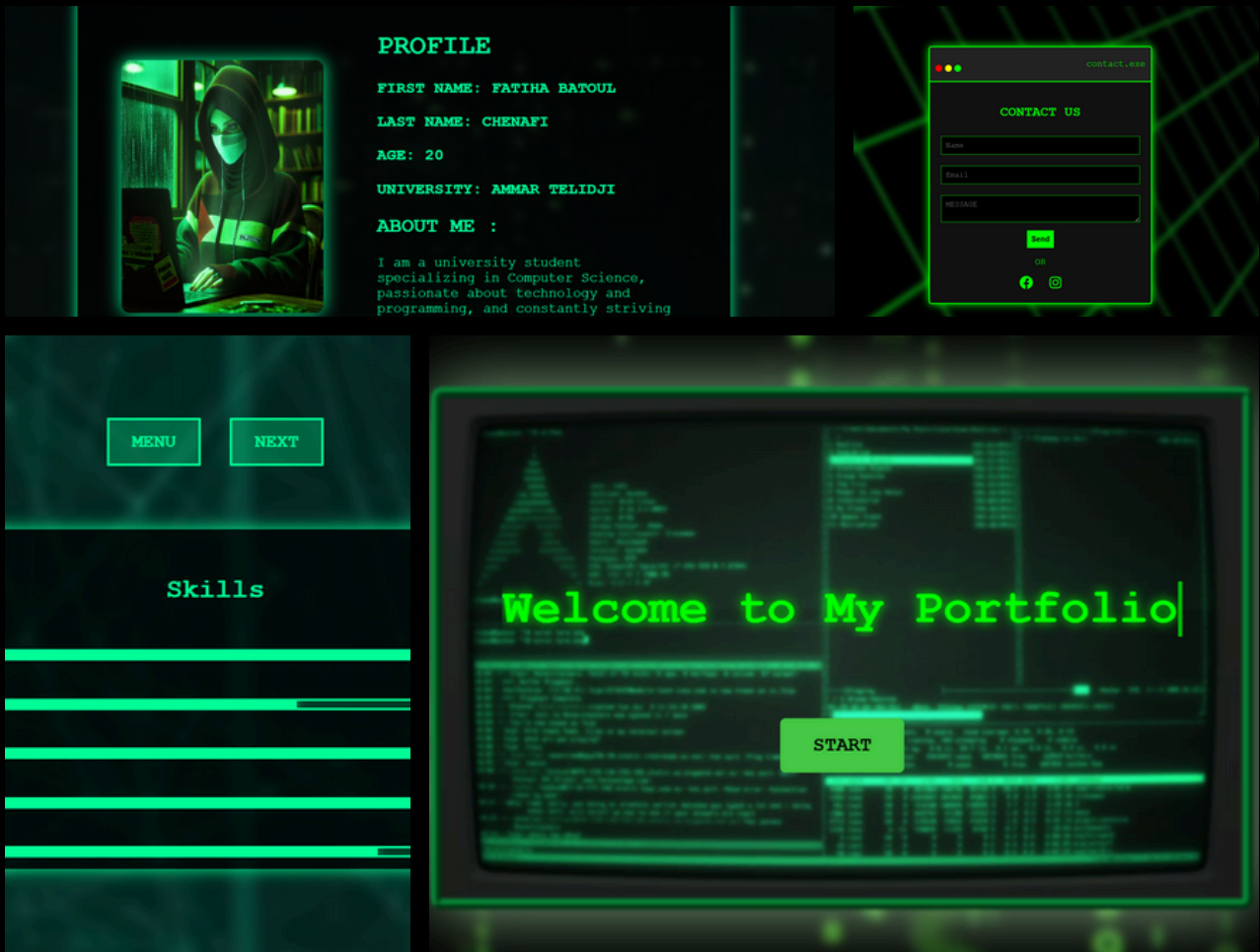
Searching for the
Perfect Theme:

Finding the right theme was a challenge in itself. I wanted the website to be simple yet distinctive, modern but with a Retro Terminal aesthetic.
I explored different design trends, from Neumorphism to Cyberpunk, but ultimately, I was drawn to the aesthetic of old-school black screens with glowing text, reminiscent of early computer systems.
Final Concept
A design that looks like a computer screen when the website loads, with a "START" button in the center. When clicked, the screen expands, revealing the rest of the portfolio as if the user is booting into a personal system.

Design & Layout

To achieve this vision, I used structured and flexible techniques:

- Flexbox for content alignment.
- CSS Grid for organizing sections efficiently.
- A dark color scheme with neon effects to create a classic terminal-style interface.

Final Implementation

- When the website loads, it appears as a computer frame with a "START" button.
- Clicking the button expands the screen, revealing the website in an interactive way.

Features

Key Design Elements
- Expanding screen effect using CSS animations.
- Fully responsive layout that adapts to different screen sizes.
- Glowing effects (Neon Glow) to enhance the retro aesthetic.
- Neumorphism elements in buttons, making them feel like part of a futuristic UI.

Challenges & Solutions

Challenge: Creating the Expanding Screen Effect
- Problem: How to create a smooth expanding screen effect without using JavaScript?
- Solution: Used CSS transitions and keyframes to animate the screen expansion.

Challenge: Balancing Retro and Modern Elements
- Problem: Avoid making the design look outdated while keeping the retro feel.
- Solution: Combined soft Neumorphism effects with classic terminal colors for a balanced look.

Challenge: Maintaining a Professional Yet Creative Look
- Problem: Ensuring the design is visually appealing without being overwhelming.
- Solution: Focused on spacing, typography, and subtle effects to maintain a clean and professional appearance.

Conclusion

his project was more than just building a website—it was an opportunity to experiment with new ideas and refine my approach to UI/UX design.

Key Takeaways

- Testing different ideas before committing to one is essential.
- CSS alone can create impressive effects without additional tools.
- Simplicity with thoughtful details leads to a more refined and polished design.

I look forward to enhancing this project further in the future and exploring new creative possibilities.