

Project Description:

This is a personal portfolio website for Sibgha Ahmad, a software engineer in training with a unique career transition story. The website serves as a professional showcase and personal platform, featuring four main sections: Home, About, Projects, and Philanthropy. The design incorporates smooth animations, responsive layouts, and interactive elements to create an engaging user experience. Key features include a timeline of career transitions, project demonstrations, and information about Silicon Prep, an initiative teaching software engineering to underprivileged students.

User Personas:

1. Sarah Chen

Role: Tech Recruiter at a mid-sized software company

Age: 35

Background: 8 years of experience in technical recruiting

Goals:

- Find candidates with unique perspectives and diverse backgrounds
- Evaluate both technical skills and soft skills
- Understand candidates' career progression and motivation

Pain Points:

- Limited time to review each candidate
- Need to quickly assess cultural fit
- Difficulty finding candidates with both technical skills and communication abilities

2. Hira Khan

Role: High School Student from an underprivileged background

Age: 16

Background: Interested in technology but limited access to resources

Goals:

- Learn more about software engineering
- Find accessible educational opportunities
- Connect with mentors in the tech field

Pain Points:

- Limited financial resources for education
- Lack of guidance in tech career planning
- Unsure about career transition possibilities

3. Maria Rodriguez

Role: Career Changer considering Software Engineering

Age: 28

Background: Current Marketing Professional

Goals:

- Understand the reality of transitioning to tech
- Learn about different pathways into software engineering
- Find relatable success stories

Pain Points:

- Uncertainty about career change feasibility
- Concerns about starting over in a new field
- Need for practical transition advice

User Stories:

1. The Career Changer's Research

"As Maria, a marketing professional considering a career change, I visit the website to learn about Sibgha's transition from PR to software engineering. I immediately notice the detailed timeline in the About section showing her career progression. Reading about her journey from PR to teaching to data analytics and finally to computer science gives me confidence that such a transition is possible. The clear presentation of her projects helps me understand what I might be able to achieve after making the switch."

2. The Recruiter's Evaluation

"As Sarah, a tech recruiter, I need to quickly assess Sibgha's technical capabilities and soft skills. I navigate to the Projects section to review her technical work, particularly noting the bias mitigation project in healthcare ML models. The clear presentation of technologies used and the detailed project descriptions help me understand her technical depth. The Philanthropy section showing her work with SiliconPrep demonstrates leadership and communication skills, making her a potentially strong cultural fit for our organization."

3. The Aspiring Student's Discovery

"As Hira, a high school student interested in technology, I discover Sibgha's website while searching for programming resources. The Philanthropy section catches my attention with information about SiliconPrep. I learn about the initiative teaching coding to underprivileged students, which gives me hope about my own opportunities in tech. The website's clear contact information encourages me to reach out about participating in the program."