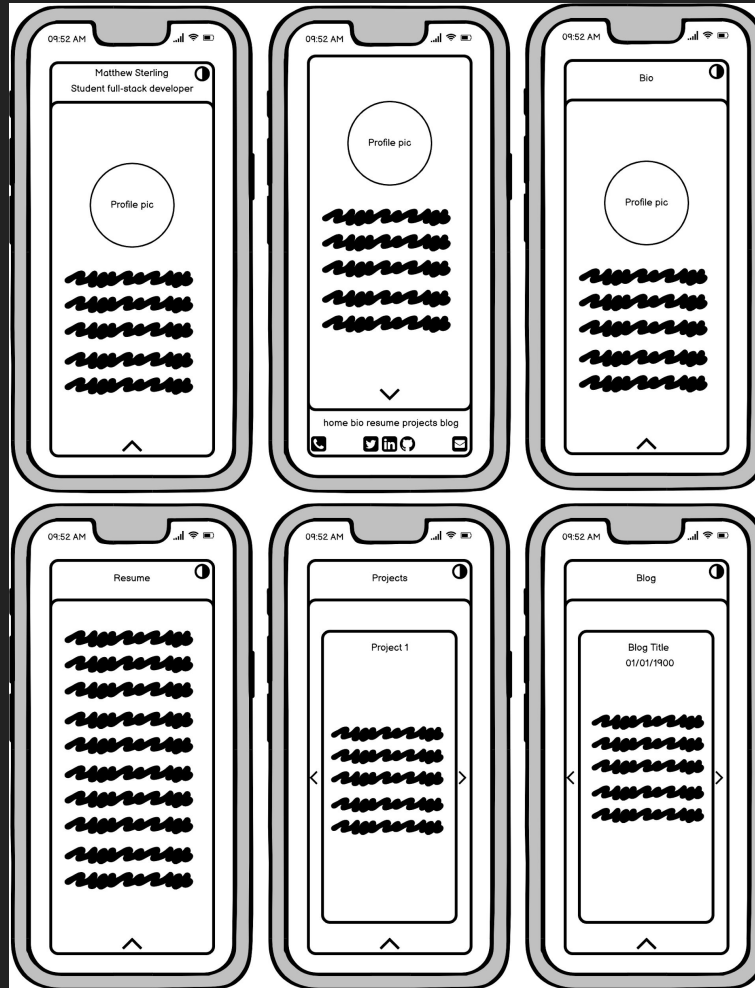


Matthew Sterling

Developer portfolio website

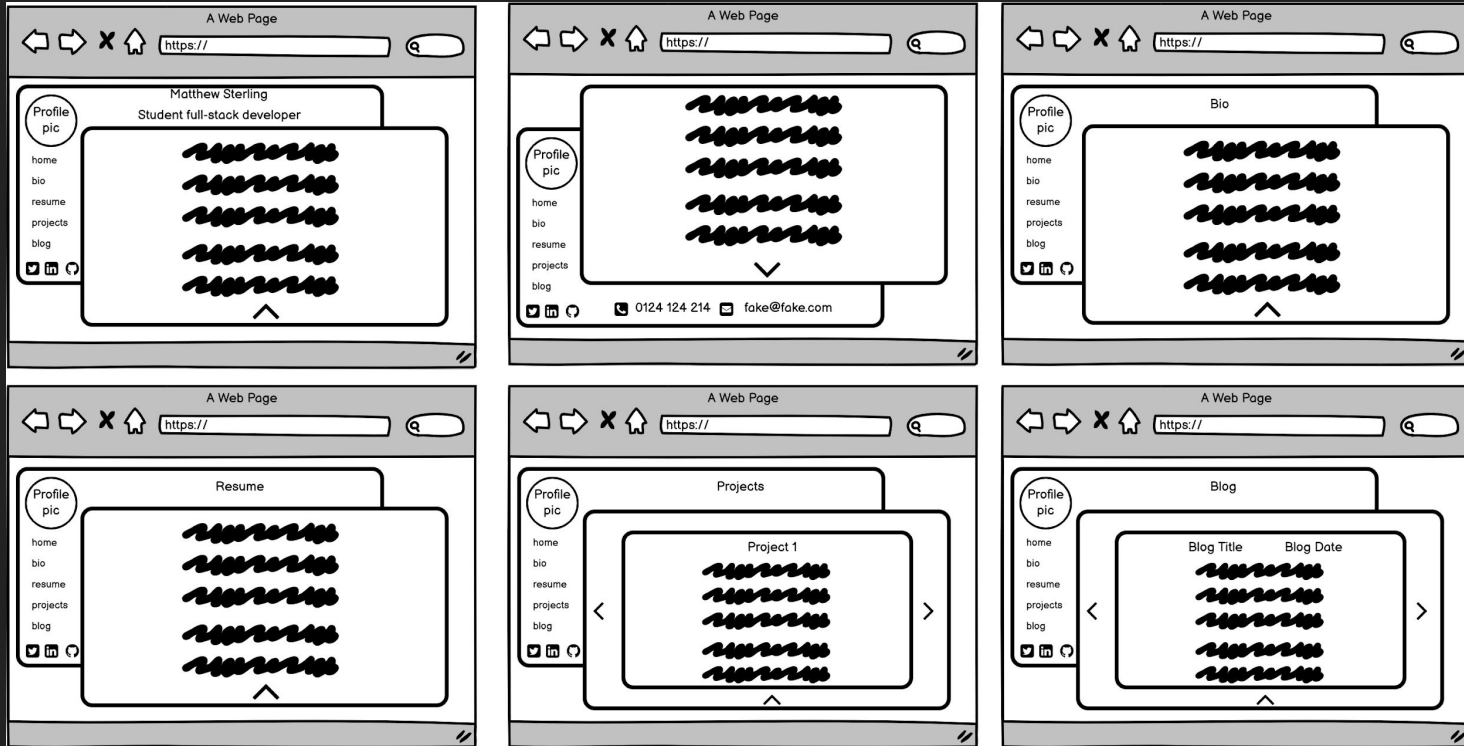
1. Wireframes and features
2. Components
3. Sitemap
4. Design and dev process

Wireframe (mobile)



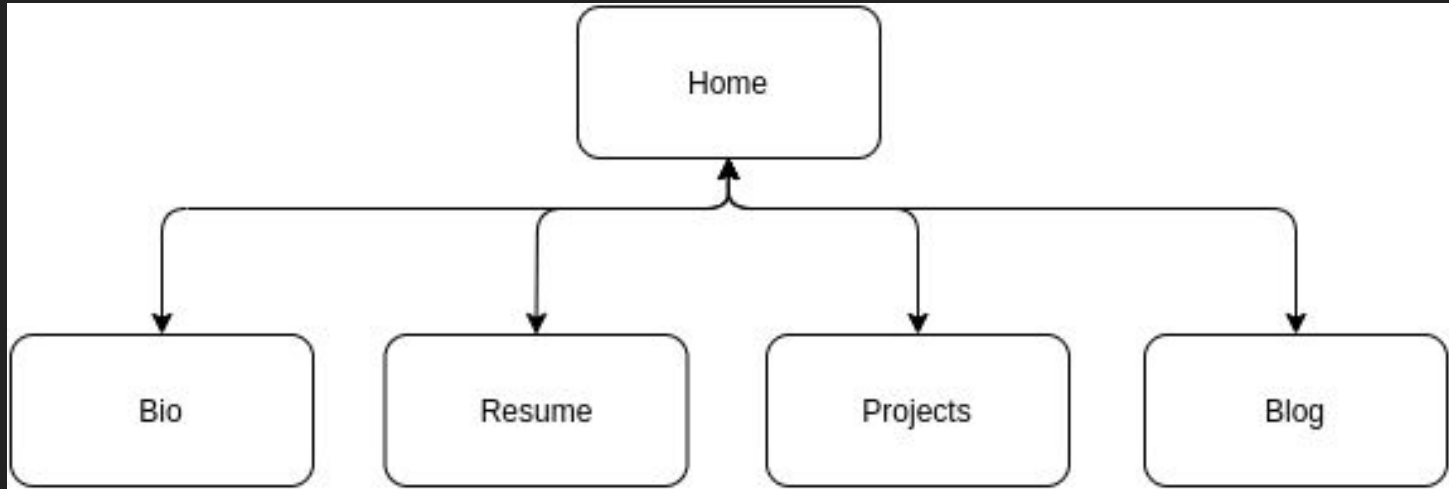
- Emphasis on mobile first
- Phone/email/social links
- Sliding card design to save screen space
- Optional dark mode
- Swipe navigation

Wireframe (desktop)



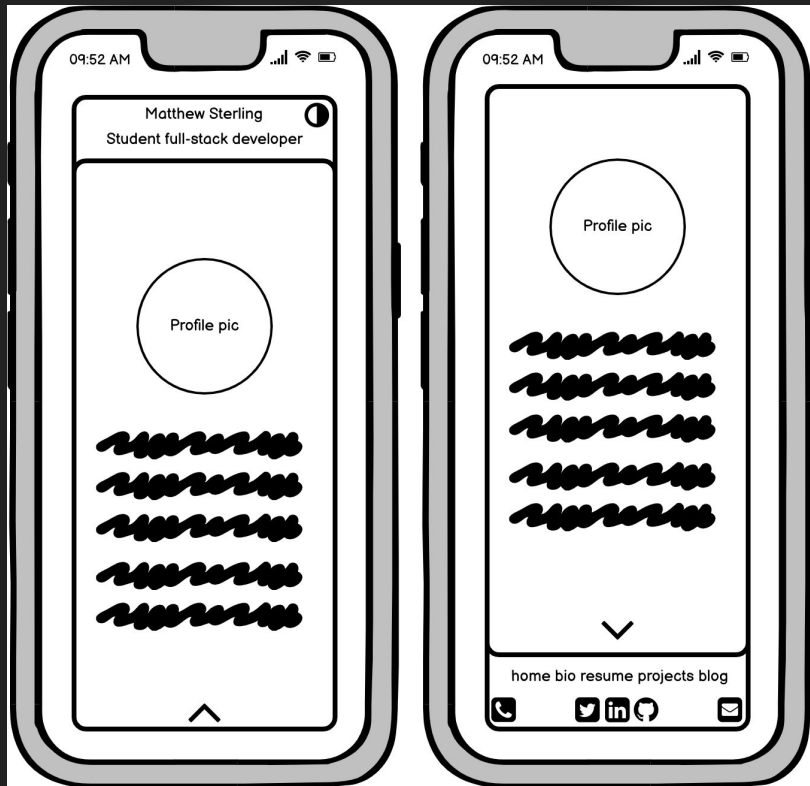
- Continuation of mobile first design
- Card offset to take advantage of landscape orientation and enable persistent navbar

Sitemap



<https://matthew-sterling.netlify.app>

Components



- Sliding body container card in front with clickable arrow containing pic and text
- Sliding card behind containing:
 - Title
 - Dark mode button
 - Contact links
 - Media links
 - Navigation bar
- Intro animation engages developers by being reminiscent of terminal
- Interactive navigation keeps user engaged
- Direct link to projects in intro anim

Design process

- Initially browsed some sample dev portfolios for inspiration
(<https://www.sliderrevolution.com/design/web-developer-portfolio-examples/>)
- Came up with my own unique design based on a deck of cards
- Huge focus on mobile first, accessibility and ease of navigation (swipe, keyboard)
- Chose to use a royal purple (#33095e) colour base to give the site a sense of elegance and class and matched tints and shades from there
- Browsed google fonts until I found 3 that worked - something fancy for title, a readable sans for content, and a monospace for intro animation

Development process

Fun parts:

- Initial HTML/CSS implementation for mobile was smooth and simple, was able to duplicate pages easily
- Learning enough Javascript to enable sliding action on cards was straightforward
- Brushing up on arithmetic operators to enable swipe navigation
- Use of recursive iframe to Droste the site into itself as "Project 1"

Challenges:

- Had to spend a lot of time on perfecting responsiveness, eventually using @media aspect ratio queries on 4 different css files for mobile portrait, tablet, landscape, and mobile landscape
- Had to learn the rest of Javascript to fix everything that broke when I enabled sliding action on cards, including all the responsiveness
- Discovered how easy jQuery would have made things after I'd already written 400 lines of vanilla JS