

# Michael S. Irby

(864) 923-8262 • Washington, D.C. • [msism720@gmail.com](mailto:msism720@gmail.com) • <https://msinclair.dev/> • [linkedin.com/in/msi-ism](https://www.linkedin.com/in/msi-ism)

---

## Technical Skills

**Coding Languages:** Javascript ES6, CSS, HTML, Python

**Libraries/Frameworks:** React.js, Express.js, Node.js/NVM/NPM, MongoDB, Bootstrap, jQuery, JSX

**Other Skills:** Requirement gathering, RESTFUL API design, Debugging, Refactoring, UX/UI Design, Git, Microsoft Office Suite

---

## Professional Experience

### VinBohème

Freelance Web Developer

Washington, D.C.

September 2022 - Present

- Lead the design and development of an ecommerce site via Shopify's CMS platform
- Organized weekly meetings with stakeholders to review project's progress and record feedback
- Edited the Shopify template's codebase to add custom features including a global search feature & cookie consent popup
- Added custom CSS to transform design elements in ways that the Shopify template did not provide access to
- Boosted conversions by 50% over the course of two months by improving site speed & streamlining the purchase process

### Grandbridge Real Estate Capital

Treasury Operations Analyst

Charlotte, NC

August 2018 - May 2022

- Managed the daily operations relating to the disbursement of commercial loan proceeds by coordinating with various stakeholders
  - Accurately & securely processed over \$500 million worth of wires, ACHs, and checks during tenure with the company
  - Reconciled bank accounts against internal transaction records on a daily basis
  - Mitigated risk by identifying vulnerabilities in processes & worked directly with senior management to employ risk reducing controls
  - Consistently met deadlines with a positive attitude in a high pressure & time sensitive environment
- 

## Software Engineering Projects

### Open-Eye Meditations - Visual Guided Meditation App

Sole Developer

React/Node

<https://msinclair.dev/visual-meditation-app/>

- Designed & coded a React application that uses Airbnb's 'Lottiefiles' JSON based animations as prompting for visual meditations
- Employed conditional rendering techniques to create a dynamic & highly interactive app, with many UI components, on a single page
- Coded functionality to sync the 'Lottiefiles' animations with a text overlay by using the elements' event listeners to trigger functions
- Used CSS & Javascript to dynamically change the DOM based on the user's input & to guide the user through the app in intuitive ways
- Created a responsive design with vanilla CSS using a combination of flex & grid techniques that performs well across all major browsers

### Reflection Journal - Rich-Text Journal App

Sole Full-Stack Developer

React/Express/Node/MongoDB

<https://asyouare.herokuapp.com>

- Designed & coded a rich-text journaling application using React.js for the frontend & Node.js for the backend
- Implemented React's built in useState & useEffect hooks to manage state across many components simultaneously
- Coded functionality to dynamically render UI components by mapping JSON objects retrieved from the database
- Designed schemas for user/note models & utilized NPM's mongoose object modeling tool to relay data to/from the MongoDB database
- Integrated Draft.js, a text editor framework, via NPM & coded in additional functionality to manage editor state in UI components

### Day Grader - Accountability Tracker

Sole Full-Stack Developer

React/Express/Node

<https://gradeyourdays.herokuapp.com/>

- Designed & coded a Single Page Application with full CRUD functionality using React for the UI & local storage to save user data
  - Styled components with CSS via external stylesheets on a per component basis to keep codebase clean, readable, and organized
  - Utilized object oriented programming concepts to efficiently develop similar UI components that would be used across the application
  - Wrote functions to manipulate Javascript's built in Date object to build a complete & accurate calendar
- 

## Education

Per Scholas - Washington, D.C.

August 2022 - November 2022

- Full Stack Software Engineering Bootcamp

University of South Carolina - Columbia, S.C

August 2008 - May 2012

- B.S. in Sport & Entertainment Management (GPA 3.2)
- 

## Interests

**Interests:** Yoga, Hand-balancing, Basketball, Guitar, Graphic Design, Cybersecurity, Community Service, Wellness, Gaming