

# Michael S. Irby

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## Professional Summary

A software engineer with hands-on technical training in HTML, CSS, Javascript, Python, React.js, Node.js, Express.js, NoSQL, APIs, & more. Skilled in front-end & back-end development with a specific knowledge of the MERN stack. Recently completed over 500 hours of software development instruction in a technical bootcamp, encompassing all stages of the Software Development Life Cycle (SDLC). Bringing 10 years of experience in the financial services industry. Lifelong learner committed to developing my technical skills & actively seeking to fulfill a dream to become a contributing member of a software development team.

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## Technical Skills

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

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

**Other Skills:** UX/UI Design, Figma, Photoshop, Illustrator, Git, Technical Documentation, Microsoft Office Suite

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## Professional Experience

### Grandbridge Real Estate Capital

Charlotte, NC

Treasury Operations Analyst

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
  - Mitigated risk by identifying vulnerabilities in processes & working directly with senior management to employ risk reducing controls
  - Calculated & processed commission payouts for over 60 producers on a monthly basis
  - Consistently met deadlines with a positive attitude in a high pressure & time sensitive environment
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## Software Engineering Projects

### Notes To Self - Note Taking App

React/Express/Node/MongoDB

Full Stack Developer

<https://ms-blogapp.herokuapp.com/>

- Designed UX/UI & coded frontend & backend for a note based web app utilizing the MERN stack (MongoDB, Express, React, Node)
  - Wrote asynchronous functions using AJAX to accept HTTP requests & return a response via Node.js & Express.js
  - Employed server-side rendering using Model View Controller architecture to ensure acceptable performance across a myriad of devices
  - Managed version control through the products life cycle via Github & utilized Heroku for application deployment
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### Day Grader - Accountability Tracker

React/Node

Front End Developer

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

- Designed & programmed a Single Page Application with full CRUD functionality by utilizing React for the frontend & local storage for data storage/retrieval
  - Utilized the useState & useEffect hooks to manage state across multiple components
  - Wrote custom hooks to share logic across components
  - Employed React's component architecture to build readable, performant, & reusable code for future use
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### Sinclair (Simon) Says! - Memory Game/Instrument

Javascript/HTML/CSS

Front End Developer

[https://msi-ism.github.io/sinclair\\_says/](https://msi-ism.github.io/sinclair_says/)

- Developed UX/UI & all logic for a memory based game with multiple modes & difficulty levels using HTML, CSS, & Javascript
  - Demonstrated a thorough knowledge of DOM manipulation by using modern CSS techniques in conjunction with Javascript to create various animations & effects
  - Used Object Oriented Programming concepts to efficiently develop similar UI components that would be used across the app
  - Developed a fully functional product within a one week deadline
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## 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)
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## Certifications & Interests

**Certifications:** ISC<sup>2</sup> Certified in Cybersecurity<sup>SM</sup> - CC | 200-Hour Yoga Teacher Certification

**Interests:** Hand-balancing, UX Design, Music Production, Graphic Design, Community Service, Wellness, Gaming