

MATTHEW SKELTON

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LINKS

- [Linkedin](https://www.linkedin.com/in/matthew-skelton-95b2b01a4/): <https://www.linkedin.com/in/matthew-skelton-95b2b01a4/>
- [Matthew Skelton's Portfolio](https://mattskelton.github.io) (mattskelton.github.io)
- [Github](https://github.com/MattSkelton?tab=repositories): <https://github.com/MattSkelton?tab=repositories>

EDUCATION

University of South Florida

Tampa, Florida

B.S. Computer Science 3.6 GPA

August 2018 - July 2022

PROFESSIONAL EXPERIENCE

Software Engineer - Front End

February 2025 - Present

Iron EagleX - Tampa, Florida

- Designed prototyped, developed, and implemented applications using JavaScript, HTML, React, Python, Flask and CSS
- Worked with Data Analysts Integrators Scientists and Database Engineers to create, troubleshoot, and recommend appropriate user interface capabilities
- Worked with Team members and customers to enhance user experience and implementation requirements

Software Engineer

March 2024 - February 2025

BD - Durham, North Carolina

- Assisted with planning, designing, implementing and testing new product features such as WiX 5 installer upgrade and new product integrations
- Developed unit tests and bug fixes for the Core Application using ASP.NET, C# and C++
- Resolved high-priority production issues promptly upon escalation, ensuring minimal downtime
- Developed Automation test scripts involving functional UI, Database, and API validations for the Centrafill project using AccelQ
- Wrote functional test cases detailing business processes
- Created defect reports for discovered bugs
- Led the proof of concept process to pick the team's automation software
- Demoed new automation software and early framework to upper management and other internal teams
- Deployed and configured the application, web, and windows services to virtual test environments
- Used SQL Server to setup/manipulate databases and to validate functional and automation tests

Associate Software Engineer

July 2022 - September

2023

Capgemini - Tampa, Florida

- Served as a Consultant for Capgemini working on Projects with Baptist Health of South Florida and the Home Shopping Network
- Worked with Baptist Health of South Florida on their Mobile Automation Testing Team.
- Developed and debugged Test Automation Scripts utilizing Java, Appium and Webdriver.
- Led research and development of integrating the mobile testing suite into AWS Device Farm.
- Created defect tickets for any observed bugs while developing or running the testing suite
- Worked with the Home Shopping Network as a Software Support Engineer
- Debugged and Fixed production issues with backend applications using SQL Server

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IT Developer Intern

May 2021 - January 2022

Ashley Furniture Inc. - Tampa, Florida

- Developed and debugged the Ashley Furniture E-Commerce Android Application utilizing Kotlin, third-party APIs and JDK.
- Completed development on a new curbside delivery feature to allow users to select their form of delivery.
- Debugged and fixed bugs as well as updated the UI to meet ADA Compliance issues
- Worked in an Agile Development Environment utilizing Azure DevOps and Git version control.

Projects and Extracurricular Courses

The Bridge to Independence — Website

- Fullstack Web Development for a charity site.
- Designed and Developed using JavaScript, HTML5, and CSS3

Personal Portfolio — Website

- A portfolio website to market myself as a Software Engineer
- Designed using Figma and Developed using JavaScript, HTML5, and CSS3

Front End Development — Course

- A front end development course teaching how to Develop Websites for Mobile and Desktop users in HTML5, CSS3, and JavaScript

REST API Development with Flask and Python — Course

- A back end REST API development course using Python and Flask

Deep Dive Into Modern Web Development — Course

- Learned React, Redux, Node.js, MongoDB, GraphQL and TypeScript. Built single page applications with ReactJS that use REST APIs built with Node.js.

Technologies

- **Java, Kotlin, C++, C#, TypeScript, JavaScript**
- **HTML5, CSS3, JSON, React, Redux, Node.js, MongoDB, GraphQL**
- **Git Source Control**
- **Selenium, Webdriver, Appium, AccelQ**
- **API, UI, and Database Automation Testing**
- **AWS Cloud Services**

Skills

- **Agile Scrum**
- **Project Management Communication**
- **Problem solving**
- **Fast Learner**