

# THOMAS WHITNEY BARR

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## SUMMARY

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During my recent intensive year-long journey into front-end development, I immersed myself in HTML, CSS, JavaScript, and React. Dedicating a full-time schedule of 8-10 hours a day, seven days a week to build my skills. This unparalleled dedication not only showcases my passion for software development but also demonstrates my ability to rapidly acquire and apply new knowledge. In addition to my technical prowess, I have a deep understanding of computer science principles and have earned over 25 certificates, further solidifying my commitment to the field. My problem-solving abilities, honed through computational thinking, are complemented by my knowledge in agile methodologies.

## SKILLS

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**Technical Skills:** HTML, CSS, Jest, Accessibility, **Libraries:** jQuery, React, Bootstrap **Frameworks:** NextJs  
**Programming Languages:** JavaScript, SQL, PHP **Agile Practices:** Scrum Methodology, Agile Methodologies, Software Processes, Software Requirements, Client Needs  
**Problem Solving:** Computational thinking, Critical thinking  
**Interpersonal Skills:** Communication, Teamwork, Collaboration, Remote teamwork, Remote productivity

## EDUCATION

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### Coursera-

**25+ Certificates, (Average Grade 95.47) October 2022 - Sept 2023** • [Full list on LinkedIn](#) •

- Completed a diverse range of courses, focusing on problem-solving, agile practices, software engineering, back-end and front-end development, UI frameworks, JavaScript, teamwork, and collaboration.
- Certificates encompass topics such as computational thinking, UX Design, web accessibility, software product management, agile methodologies, SQL, PHP, HTML, CSS, JavaScript, React, and more.
- Pursued studies in business management, accounting, communication, entrepreneurship, teaching foundations, and digital marketing between 2012 and 2018.

## PROJECTS

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### Tesla Clone - HTML-CSS Modules-JavaScript-React-

*Description: Successfully created a clone of the Tesla website, replicating its design.*

- Utilized React, HTML, CSS, and JavaScript to spearhead the development of an interactive and visually stunning clone of the Tesla website.
- Demonstrated a strong grasp of UI/UX design principles to ensure the clone provided an exceptional user experience, aligning with Tesla's branding and functionality.
- Ensured that the website was responsive, providing an optimal user experience on both desktop and mobile devices.
- Created a visually identical front-end, replicating Tesla's design with precision
- Developed modular and reusable React components, enhancing code efficiency and maintainability while ensuring consistent design and functionality across the website..

### Stellar Getaways Website - HTML-CSS-JavaScript-

*Description: Developed a modern and visually engaging space tourism website based on a Figma design.*

*Created a*

*comprehensive design system with reusable components for a consistent and efficient development process.*

- Translated the Figma design into a fully functional website using HTML, CSS, and JavaScript.
- Implemented a design system with reusable components to ensure consistency and streamline development.
- Developed responsive layouts for seamless user experience across various devices and screen sizes.
- Integrated captivating visuals and animations to enhance the overall aesthetic appeal.
- Utilized custom properties and variables to simplify styling and enable easy updates across the site.
- Designed and implemented a user-friendly navigation system for effortless exploration.
- Incorporated interactive elements and effects to engage visitors and provide an immersive experience.

## SpaceX Website Clone - HTML-CSS- JavaScript

*Description: Developed a high-fidelity clone of the SpaceX website as a personal project to showcase front-end web development skills.*

- Implemented a fully responsive layout using HTML and CSS, ensuring optimal user experience across various devices and screen sizes.
- Utilized creative solutions and custom classes to enhance the visual appeal and interactivity of the website.
- Integrated animations to provide smooth transitions and engaging user interactions.
- Designed the front page and the first three entry pages, closely mimicking the original SpaceX website's style and structure.
- Incorporated launch counters on inner pages using JavaScript to display real-time countdowns to upcoming space launches.
- Demonstrated desktop-first navigation approach, delivering a seamless browsing experience for desktop users.

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## EXPERIENCE

### Macedonian Arts Council

New York, NY

Front-end Developer(*Remote/Contract*)

September 2023 – Present

- Collaborated remotely with the team to create and maintain the Macedonian Arts Council website, ensuring it was visually appealing and user-friendly.
- Applied CSS styles, adhering to best practices, for a consistent and optimized design. Ensured cross-browser compatibility.
- Implemented interactive features and functionality using JavaScript, debugging and resolving issues as they arose.
- Utilized Bootstrap framework, customized components, and styles to align with branding and design requirements.
- Made the website responsive across various devices, optimizing performance and user experience.
- Improved website loading speed and performance through code optimization and best practices.

### Self Employed

Fort Collins, CO

- **Inspire Jiu Jitsu**

January, 2019- Present

Owner/Head Instructor

- Developed and maintained the company website for the last five years.
- Founded and currently operates a successful Brazilian Jiu Jitsu Academy, providing high-quality instruction and training to students of all levels.
- Received my black belt from the esteemed and legendary Rafael Lovato Jr, a prominent figure in the world of Brazilian Jiu Jitsu.
- Taught Brazilian Jiu Jitsu for the past nine years, imparting valuable knowledge and techniques to a diverse student base.
- Continuously trained and competed in Brazilian Jiu Jitsu for the past 12 years, demonstrating a commitment to personal growth and mastery of the discipline.

- **Inspire Catering**

June, 2010 - December, 2018

Owner/Lead Chef

- Successfully owned and operated a catering company, specializing in delivering exceptional culinary experiences for clients.
  - Demonstrated expertise in managing all aspects of the business, including client acquisition, event planning, menu creation, food preparation, and budgeting.
  - Cultivated strong client relationships and consistently exceeded customer expectations, resulting in repeat business and positive referrals.
  - Managed a team of skilled professionals, providing leadership and guidance to ensure seamless operations and exceptional service delivery.
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