|  |  |
| --- | --- |
| Skills Angular, Apollo, AWS, CSS, Express, Git, GraphQL, Heroku, HTML5, JavaScript, jQuery, MongoDB, Next.js, Node, PostgreSQL, Rails, React, React Native, React-query, Redux, Ruby, Sass, Socket.io, SQL, Tailwind, TypeScript, Zod, .NET Certification \*Expired 11/30/24, will re-certify  [A white sign with black text  Description automatically generated with low confidence](https://www.credly.com/badges/efd3ea2e-5484-416c-a7c3-0a7ee37116b1/public_url) | Matteo SantaviccaP. 404-895-4079 | [msantavicca96@gmail.com](mailto:msantavicca96@gmail.com) | [LinkedIn](https://www.linkedin.com/in/matteosantavicca/) | [Github](https://github.com/Tsanta96) | [matteosantavicca.com](https://www.matteosantavicca.com/)Projects **Space Racer** *(JavaScript, HTML, CSS, Canvas API)* [Live Site](https://tsanta96.github.io/SpaceRacer/) | [Github](https://github.com/Tsanta96/SpaceRacer)  *A Vanilla JS game with an emphasis on styling and animation*  ● Engineered a functional and intuitive arcade style game through an Object-Oriented approach to maximize code reuse and shared functionality across objects.  ● Utilized the HTML Canvas API to render animated objects using JavaScript’s requestAnimationFrame method.  ● Employed a series of functions in conjunction with the browser’s local storage API in order to persist local high scores.  **SoundWave** *(Rails, React, ActiveStorage, Postgres DB)* [Live Site](https://soundwave-4a02f2b9c025.herokuapp.com/#/) | [Github](https://github.com/Tsanta96/soundwave)  *An audio streaming site inspired by SoundCloud*  ● Implemented an authentication system to ensure the security of user credentials with the help of BCrypt’s hashing function to protect storage of plain text passwords.  ● Utilized Active Storage to implement a file upload feature to store and retrieve audio and image files using AWS S3 buckets.  ● Developed a seamless and continuous play feature by taking advantage of the front end routing provided by React’s Hash Router and incorporating conditional logic based on the component’s state.  ● Refactored class components to functional components with React Hooks to increase readability.  **Peachtree Chats** *(React.js, Node.js, Socket.io)*[Live Site](https://peachtreechats.netlify.app/) | [GitHub](https://github.com/Tsanta96/ChatApp)  *A basic chat app that allows real time messaging*  ● Facilitates real-time low-latency messaging utilizing Socket.io  ● Optimized for mobile and desktop to ensure a better experience for the end user regardless of device  **\*PuppyFeed** *(React Native, Amplify, Cognito, DynamoDB, Lambda, API Gateway, S3)* **WIP, Postponed/Deprioritized**  *A behavior tracking mobile application for your dog(s)* that provides analytics and breed-specific information  ● Implemented a password-less authentication system using AWS Amplify and Cognito to allow for a more seamless login while maintaining security of user credentials.  ● Engineered a serverless backend system using various Amazon Web Services to ensure the ease of scalability.  ● Developed custom UI components that produce a more personalized feel for the app such as custom-built Picker Modal and loading screens. |

### Experience

**Full Stack Developer II**

*Sunnova Energy, July 2022 - Present*

● Taking leadership roles on features by planning, tasking out, and designating the required work to able parties.

● Building system improving features and implementing bug fixes in a timely manner while always considering deadlines.

● Contributing to a fast paced and agile centric team by iterating upon and improving our development process sprint to sprint.

● Implementing optimal solutions while refactoring inefficient code along the way.

● Upgraded our codebase’s react version from 17 to 18.

● Aided in a codebase rewrite moving from Angular to React

**Software Developer**

*Service Pros Installation Group, July 2020 – July 2022*

● Assumed leadership role for complicated projects that required communication and meetings with internal and external parties.

● Architected and engineered significant features requiring full stack solutions employing skills with front end, styling, backend, and unit tests.

● Developed entire page makeover combining complex functionality of two separate but related feature pages into one leading to a more intuitive user experience.

● Designed custom assets utilizing Adobe Illustrator to enhance branding and offer a stronger sense of identity within the application.

● Wrote backend tests to ensure code is working as intended and to maintain code reliability for present and future code interactions.

● Presented multiple features to entire board of directors, fielded questions, and adjusted based off feedback.

**Frontend Developer** *(Jan 2020 – July 2020)*

**Co-Founder / Finance Director** (*May 2017 – July 2020)*

*Vetek Consulting LLC*

● Styled and developed the onboarding flow and authentication pages for a React Native Application.

● Helped in the design process of multiple websites and applications using Sketch and Illustrator as tools for wireframing.

● Refactored class components to functional components with React Hooks to increase readability.

● Acquired a significant fintech startup as a client for whom we developed a mobile application.

● Managed product creation from planning to production by acting as the intermediary between engineers and clients.

● Generated over $60,000 in revenue during our first year of operations.

### Education

**App Academy -** Immersive software development course with focus on full stack web development (Online 2019)

**Georgia State University -** *BBA - Finance* (Spring 2018) & *BBA* – *Business Economics* (Summer 2019)

● Honors Track in Finance

● Additional Coursework: Fundamentals of CS I (Java), Fundamentals of CS II (Java), Calculus I, Calculus II

● Dean’s List (6), President’s List (1)