

## + summary

Frontend engineer with 6+ years of software development experience. Passion for UI/UX design and well-documented code. Practical experience building web apps from the ground up, ranging from simple static sites to production-level government apps using a range of technologies. SAFe 5 practitioner. Intrinsically motivated team player and expert communicator, aspiring to combine broad background and strong technical skills to see products grow and succeed.

## + employment

### Planet Technologies Washington D.C. (Remote) Frontend Software Developer Apr. 2022 to Current

- Created a custom classification portion marking tool which saved the company around \$90,000.
- Using KendoUI for React, developed dynamic PDF generators for multiple form downloads.
- Rebuilt section for client using Redux, React-Hook-Forms, and TypeScript that increased speed performance by over 100%.

### GovernmentCIO Washington D.C. (Remote) Frontend Software Engineer Dec. 2021 to Apr. 2022

- Maintained all search related functionality for VA.gov that is used by 6-10 million users per month.
- Updated and maintained multiple React/Redux apps for VA.gov.
- Created, merged, and peer reviewed pull requests to multiple open-source repositories supporting VA.gov.

### CAE USA Mission Solutions Inc. Tampa, FL Frontend Software Engineer Jan. 2018 to Dec. 2021

- Worked with React Typescript components, Form, Events, Router, and Unstated-Typescript.
- Designed and mocked up testable production components using Figma design tool.
- Assisted in the company-wide transition from Waterfall to Agile, utilizing SAFe practices such as Program Increment planning and Scrum.
- Performed full system integration during the life of a simulator including: network integration, code integration, and code testing.

### CAE USA Tampa, FL Software Engineer Co-op Jan. 2017 to Dec. 2017

- Developed software using C# WPF using Model-View-Viewmodel (MVVM) practices.
- Assisted in the development of a C# application to use flight test data to automate the generation of macros used to initialize the simulation software.
- Refined and performed cold start procedures that effected more than two dozen mission critical simulator maintenance laptops.

## + volunteering

### The Florida Center for Cybersecurity CyberCamp Assistant Tampa, FL July 2017 to July 2017

Helped the campers develop a new set of coding and cybersecurity skills from the materials presented to them. Included Linux CLI, Python, Raspberry Pi, and Ciphers.

## + projects

### Portfolio Website v2

- Built a portfolio website to showcase myself, my projects, and future blog posts using NextJS 13
- Implemented animations, micro-animations, and color theming using TailwindCSS and Framer-Motion.
- Utilized EmailJS in the contact form to send emails with contact information.

### Vidyo AI (Redesign Concept)

- Built using the T3 Stack (NextJS, TailwindCSS, Prisma, and tRPC)
- Using a design found on Dribbble, coded a reimagined UI/UX for the vidyo.ai service.

### Recipe Book

- Built using NextJS, Prisma, tRPC, MantineUI, utilizing Next-Auth as a authentication service and MongoDB as a database service.
- Future Goals: Create easily shareable recipes and cook books, search recipes based on a variety of filters.

### Trivia Game

- Bootstrapped using Create React App, built a simple trivia game that uses the Open Trivia database.
- Utilizes Redux Sagas to handle API requests to Open Trivia
- Asks the user 10 random trivia questions, displays correct/incorrect answers, and keeps track of score.
- Future Goals: Allow users to log in, store previous scores, choose question set difficulty.

### Portfolio Website v1

- Built a JAM Stack portfolio website to showcase myself, my resume, and my future projects using GatsbyJS, React, Styled-components.
- Implemented a light/dark theme switcher using React createContext, styled-components, and custom hooks.
- Utilized EmailJS for contact form to send emails with contact information.

### Jammming

- Built using React, Redux and CSS.
- Used the Spotify API to allow the user to search for music, create a new playlist, and save it to the user's Spotify account utilizing React-Redux and Redux Thunk middleware.
- Utilized Implicit Grant Flow to allow user to authorize the app to use their Spotify account.

## + skills

**CLEARANCE:** Active TS Clearance

**CERTIFICATIONS:** SAFe 5 Practitioner

**GENERAL:** Git, GitHub, Jira, Confluence, VS Code, Agile, Scrum, SAFe, Azure DevOps

**FRONTEND:** NextJS, Typescript, TailwindCSS, Framer Motion, React-Hook-Forms, Redux Toolkit, KendoUI, React, Redux, MantineUI, HTML5, CSS3, Javascript, Unstated, Styled Components, SCSS, SASS, GatsbyJS

**BACKEND:** Prisma, tRPC, MongoDB, NextJS, Node

**DESIGN:** Figma, Adobe Illustrator

## + education

University of South Florida  
B.S. Computer Engineering