tyler simoni

frontend software engineer

✉ tyler.simoni.8@gmail.com 🌐 www.tylersimoni.com 📞 (724) 372-9354 📍 Knoxville, TN

🐦 @TylerSimoni in linkedin.com/in/tylersimoni ⌨ tsimmz

Frontend engineer with 5+ 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

GovernmentCIO
Frontend Software Engineer

Washington D.C. (Remote)
Dec. 2021 to Current

- Maintained all search related functionality for the 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.
Frontend Software Engineer

Tampa, FL
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
Software Engineer Co-op

Tampa, FL
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 the new set of coding and cybersecurity skills from the materials presented to them. Including Linux CLI, Python, Raspberry Pi, and Ciphers.

✚ projects

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.

Portfolio Website
- Built a JAM Stack portfolio website to showcase myself, my resume, and my future projects using GatsbyJS, React, Styled-components.
- Used a combination of CSS Grid and Flexbox to organize content.
- Implemented a light/dark theme switcher using React createContext, styled-components, and custom hooks.
- Animated elements using Framer-Motion animation library
- Utilized EmailJS for contact form to send emails with contact information.

✚ education

University of South Florida
B.S. Computer Engineering 2017

✚ skills

CLEARANCE: Active TS Clearance
CERTIFICATIONS: SAFe 5 Practitioner
GENERAL: Git, GitHub, Jira, Confluence, VS Code, Agile, Scrum, SAFe
FRONTEND: HTML5, CSS3, Javascript, Typescript, React, GatsbyJS, Styled Components, Unstated, Node, Redux, SCSS, SASS
DESIGN: Figma, Adobe Illustrator