

Mark Mustard

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MarkMustard.com - github.com/Colonel3mustard

Work Experience

AccuLynx

June 2024 - Present

UI Engineer II

Dallas, TX (Remote) -> Denver, CO (Remote)

- Created dozens of new frontend pages for integrations with third party applications in Vue.js and Typescript, including implementing OAuth 2.0 and custom data mapping.
- Migrated over 100 Vue components from Class Component to Composition API to prepare for an imminent move to Vue 3.
- Implemented Husky and Lint-staged to automate the linting process, getting rid of daily errors that take a large developer effort to clean up.
- Built a large portion of a new Teams feature, including a new interactive team hierarchy page using D3 Org Chart library.
- Helped implement the frontend side of our site's Third-Party Auth and Two-Factor Auth systems.

GE Aerospace (Contracted via Triple E Partners)

July 2021 - June 2024

Software Engineer

Dallas, TX (Remote)

- Created two new micro frontend services from scratch in Vue.js with Typescript, Pinia, and Vite; Deployed via Codebuild in AWS.
- Migrated two existing services from Vue 2 to Vue 3, including moving from Vuex to Pinia, VueCLI to Vite, and Class Components to Composition or Options API.
- Implemented much stricter code standards in all 8 of our front end services, including adding Husky for linting and running tests pre push, and standardizing formatting to increase peer review readability.
- Completely overhauled a page that graphed millions of points of engine data for hundreds of different parameters across millions of flights using Highcharts in Vue.js and Typescript.

London Computer Systems

June 2020 - July 2021

Software Developer

Cincinnati, OH

- Designed and built an entirely new Angular module allowing customers to keep track of the move in/move out process of each unit they manage.

GE Aerospace (Contracted via Ingage Partners)

August 2019 - June 2020

Software Developer

Cincinnati, OH

- Built a new page on an existing web application in Vue.js and Typescript to show specific data and explanations of various analytics run by a backend system.

Volunteer Experience

Southwest Ohio Give Camp 2019

October 2019

Lead Front End Developer

Cincinnati, OH

- Lead the front end Vue.js development on a full stack web application built for Camp Joy, a non profit.

Skills

Languages, Frameworks, and Libraries

TypeScript: 7 Years; **Vue:** 6 years; **Pinia:** 6 years; **Vuex:** 3 years; **Vite:** 6 years; **Vitest:** 4 years;

VueCLI: 4 years; **Webpack:** 4 years; **Javascript:** 7 years; **HTML:** 7 years; **CSS:** 7 years;

Node.js: 7 years; **Jest.js:** 4 years; **Nuxt:** 2 years; **Angular:** 1 year;