Jacob Clevenger

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About Me

Electrical Engineer at Tetra Tech specializing in design through AutoCAD and Revit. Adept in software development with a focus on React, Vue, and backend technologies. Active in the open-source space, particularly with VueUse. Proficient in backend development and SQL database management. Always eager to collaborate with tech professionals.

Projects

VueUse Playground

★ 200+

An interactive playground allowing you to explore VueUse in a live environment.

Vue 2048

★ 50+

A clone of the popular game 2048 with multiplayer support.

Vue Type Imports

★ 200+

A Vite plugin that enables the importing of types for use in defineProps and defineEmits within Vue SFC.

Webcontainer Reactive FS

★ 20+

Provides a reactive filesystem for Stackblitz's webcontainer api.

Vue GQL

★ 200+

Enables the use of GraphQL tags in Vue SFC, facilitating easier execution of GraphQL queries directly from Vue components.

UnoCSS Directives

★ 30+

Enables using UnoCSS class declerations directly in style tags using the `@apply` directive.

Skills

Frontend Vue, Vite, Nuxt, TypeScript, JavaScript

BackEnd Node, MongoDB, SQL, Nginx

DevOps Firebase, Supabase, AWS

Languages C#, Go, C, Python

Education

BS in Electrical Engineering • University of Central Florida

August, 2018 - May 1, 2022

Experience

Tetra Tech • Electrical Engineer
June 1, 2022 - Present

At Tetra Tech, I play a multifaceted role, bridging the gap between design, planning, and fieldwork. My responsibilities encompass:

- Developed and reviewed AutoCAD and Revit plans for various infrastructural projects.
- Created a block library, enhancing workflow and consistency in AutoCAD.
- Conducted field surveys to assess conditions and determine project needs.

We Are Kymera • Software Developer
May, 2021 - June, 2022

At We Are Kymera, I was part of the team that juggled a variety of websites, many of which were WordPress-based. My role encompassed:

- Managed a diverse portfolio of websites, with a focus on WordPress.
- Led the design and initiation of new sites, aligning with brand and user expectations.
- Troubleshot and resolved web challenges, ensuring optimal site performance.

Lockheed Martin • Test Engineer, Intern
June, 2019 - September, 2020

At Lockheed Martin, I developed software, designed testing solutions, and collaborated with senior engineers to enhance product reliability.

- Assisted in developing software applications to enhance project organization, streamlining processes and fostering better team collaboration.
- Participated in the design and execution of testing solutions for an array of projects, working towards enhancing product reliability.
- Collaborated closely with senior engineers, benefiting from their insights and refining testing approaches.

Online Version