

David Valles

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dtjv.io
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Software engineer, experienced creating React-based web applications, writing articles about coding adventures and collaborating with clientele. Passionate about intuitive UI/UX, full-stack web technologies and helping people and organizations reach their goals.

EXPERIENCE

Software Engineer | Freelance

2021

Terra Gardens | [docs](#) | [demo](#)

- Developed a full-stack, scheduling app for a garden center's delivery service. Provides an intuitive stepped-form for accurate data entry, maximizes delivery times via Google Maps API and includes a drag-n-drop feature to maintain schedule integrity.
- Built with TypeScript, React, Next.js, Chakra-UI, React-Dnd, React Query, React Hook Form, and MongoDB Atlas.

Frontend Engineer | Freelance

2020

Richard Gullion | [docs](#) | [website](#)

- Created a website to showcase Rich's artwork.
- Built with Gatsby, React, GraphQL, and Tailwind CSS.

Frontend Engineer | Freelance

2017-2020

BMI Fitness, LLC | [docs](#) | [website](#)

- Developed a fitness studio website to present services, staff bios, and published content and to capture customer leads.
- Built with Jekyll, Materialize and Sass. Integrated Formspre.io for form routing and Forestry.io for content management.

Software Engineer | Freelance

2015-2017

Club One Fitness, Inc.

- Created a Node.js CLI tool to bundle client workout files (written in Markdown) into one printable web page. ([docs](#))
- Built a jQuery and Firebase web app for trainers to collect and manage client movement screening data. ([docs](#) | [demo](#))

Software Engineer | Freelance

2015

St. Christopher - Art Enrichment Program | [docs](#)

- Created a Google Sheet menu function to detect and report schedule conflicts among proposed art classes.
- Built with JavaScript, Webpack and Google App Script API.

PROJECTS

Memowise | [docs](#) | [demo](#)

- Created a full-stack, responsive education web app offering algorithm-based study, dynamic quizzes, and a personalized dashboard.
- Built with React, Next.js, MongoDB, Tailwind CSS.

Maximus | [docs](#) | [demo](#)

- Created a web app to create workouts and visualize them in an interactive bar chart.
- Built with React, React-Bootstrap and Chart.js.

Travel Salem | [docs](#) | [demo](#)

- Designed a travel site demo, with a focus on intuitive site navigation, surfacing buried content and optimizing load speed.
- Built using Next.js and Tailwind CSS.

EDUCATION

Cal Poly, San Luis Obispo

Bachelor of Science, Computer Science