David Valles

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Software engineer, experienced building modern React-based web applications. Passionate about intuitive UI/UX, full-stack web technologies and helping people and organizations reach their goals.

EXPERIENCE

Frontend Engineer *(Freelance)*   2021
Terra Gardens | docs | demo
- Developed a full-stack, scheduling app for a garden nursery's delivery service. Provides a stepped-form for accurate data entry, computes available delivery times and features drag-n-drop functionality for intuitive schedule management.
- Built with TypeScript, Next.js, Chakra-UI, React-DnD, React Query, React Hook Form, and MongoDB.

Frontend Engineer *(Freelance)*   2017-2020
BMI Fitness, LLC | docs | website
- Developed a fitness studio website to present services, staff bios, and published content.
- Built with Jekyll, Materialize and Sass. Integrated Formspree.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's - 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.

Personal Trainer   2005-2020
Club One Fitness / Forma Gym / Realm Fitness
- Developed and coached safe, appropriate and effective strength and conditioning programs for clientele.

PROJECTS

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

Maximus | docs | demo
- Built 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
- Redesigned a travel website, with a focus on intuitive navigation, surfacing buried content and optimizing load speed.
- Built with Next.js and Tailwind CSS.

EDUCATION

Cal Poly, San Luis Obispo
Bachelor of Science, Computer Science