

DAVID BECKER

FULLSTACK DEVELOPER

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Experienced full-stack software engineer with a strong background in front-end development and a growing expertise in back-end technologies. Proficient in building scalable web applications and driving impactful technical solutions. Seeking a full-stack role on a collaborative team that fosters professional growth, tackles complex challenges, and values innovative solutions.

PROFESSIONAL EXPERIENCE

Fullstack Developer | CardFree (Remote)

June 2022 - January 2025

Technologies Used: Vue.js/Vuex/VuexORM, Ruby/Rails, Jest, RSpec, MySQL, CASL/Cancancan, Sidekiq, SASS, ActionCable

- Maintained and developed a REST API for use by the admin portal frontend, including managing multiple databases, internal APIs, external integrations, background processes, and websockets
- Optimized backend performance by identifying and resolving N+1 query issues, improving database efficiency and application responsiveness
- Led the migration of Clover point-of-sale integration from V1 to V2 for store authorization and payments
- Designed and launched major client initiatives through large-scale feature development and redesigns
- Mentored junior developers focusing on code quality, workflow, and professional development
- Collaborated with cross-functional teams, including Product, UI/UX, and QA, to deliver end-to-end solutions
- Helped lead technical interviews for my team and an additional front-end team, contributing to hiring decisions and evaluating technical/behavioral skills
- Additional Tech: Teamcity, Cypress.js, Buefy/Bulma, NewRelic, Splunk, Chef, AWS S3

Frontend Developer | CardFree (Remote)

March 2020 - June 2022

Technologies Used: Vue.js/Vuex/VuexORM, Ruby/Rails, Jest, RSpec, CASL/Cancancan, SASS

- Developed the admin portal to centralize management tools for customer, merchant, and internal applications
- Built major SPA features including merchant configuration, user access/permissions, location management, menu management, order management, loyalty, marketing, and various other internal and merchant-facing tools
- Integrated websockets into the app for point-of-sale data migrations, ensuring real-time updates on background processes
- Established development patterns to improve workflow efficiency in the early stages of the project through use of VuexORM and Vuex
- Additional Tech: SendGrid

Software Engineer | TrainingPeaks - Peaksware

May 2018 - October 2019

Technologies Used: React/Redux, Backbone.js, jQuery, C#.NET, ASP.NET MVC, Node.js, Mocha/Chai, Cypress, Teamcity, SCSS

- Redesigned initial signup and account setup flows, improving user conversion rates for novice athletes
- Rebuilt key features, including subscription management for coaches and workout management tools
- Modernized the ASP.NET MVC SPA by introducing SCSS, feature flags, and modularization
- Eliminated bug backlog and enhanced front-end test suite robustness by implementing comprehensive testing strategies
- Updated and optimized the structure of a Node.js API for improved integration with Elasticsearch
- Additional Tech: MySQL, AWS ElasticBeanstalk, AWS ElasticSearch, AWS S3

Frontend Developer (Contract) | #WeTheFashion

March 2018 - April 2018

Technologies Used: React.js, GraphQL

- Worked for this small startup on a niche fashion social media application built with React.js, GraphQL, and MongoDB
- Completed a variety of tasks including writing new React Components, connecting components with GraphQL, and improving styling for components in order to prepare the site for production

Frontend Developer (Volunteer) | Call To Code

March 2018 - April 2018

Technologies: React/Redux, Node.js/Express.js

- calltocode.org was a nonprofit and open-source project built by volunteers to accomplish a positive mission by matching college students to nonprofits that needed development work (project was closed). Built with React/Redux, Node.js/Express.js, MongoDB
- Refactored React components using ES6, improved sass patterns, and larger coverage of testing with Jest/Enzyme for improved maintainability and robustness

EDUCATION

Turing School of Software & Design

May 2017 - November 2017

Certificate in Front-End Engineering

Colorado College

September 2011 - May 2014

Bachelor's in Sustainable Design

COURSES

TypeScript Masterclass 2024 Edition - React + NodeJS Project | Udemy

- An in-depth TypeScript course including building a full stack app using TypeScript with React, Material UI, Node.js and TypeORM

NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno) | Udemy

- Node.js, Express.js, Deno.js, GraphQL, MongoDB, MySQL, Socket.io, and more

ADDITIONAL

Mentor | Turing School of Software and Design

November 2017 - December 2020

- Guided front-end program students on projects, code quality, and professional development

Skills Overview

- **Advanced:** HTML5, CSS, JavaScript/ES6, React/Redux, Vue.js/Vuex/VuexORM, jQuery, Git, Kanban/Scrum, Mocha/Chai, Jest, CASL/Cancancan, SASS/SCSS
- **Intermediate:** Ruby/Rails, RSpec, Sidekiq, MySQL, Webpack, Rollup.js, Teamcity, Cypress, Backbone.js
- **Beginner:** GraphQL, Typescript, Node.js, Express.js, PostgreSQL, ASP.NET MVC, C#.NET AWS