Kevin Joseph

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Software engineer with 15 years of demonstrated experience specializing in front-end development and interfaces to back-end systems. Currently seeking an opportunity to utilize my well-developed skills for a team where I can continue to learn and grow.

Proven Project Skills

- Front-end development and design
- Creation and design of reusable front-end frameworks
- Collaboration with engineers of all types to ensure best practices in design
- Experience working within Agile scrum teams, utilizing tools such as Atlassian Jira

Technology Skills

- JavaScript, TypeScript, React, Vue, AngularJS
- CSS, Sass, Less, Bootstrap
- Vite, Webpack, Gulp, NPM, NodeJS

Professional Experience

Self-Employed
December 2022 - current

I was laid off from Ezoic in December 2022. After a small break in order to travel, I've been looking for an opportunity to get back into a development role while working as a rideshare driver. I've also spent part of this time working on personal development projects.

Project examples:

- Esports broadcast overlay, developed in React. (More details available under the Independent Projects section below.)
- System for tracking item progression during charity gaming fundraiser.This is a work in progress utilizing a MySQL database, an API written in Go, and a React front end.

Ezoic, Carlsbad CA (remote)
Software Engineer, May 2021-December 2022

Worked on a wide variety of front- and back-end systems/tools, for both internal and external customer use.

Project examples:

- Created monthly performance dashboard allowing clients to view their monthly ad revenue, engagement, and other metrics at a glance.
- Made updates to client-facing dashboards, allowing users to manage their sites more quickly.
- Created/maintained dashboard for external contractors to update site status.

Main Technologies:

Go, Vue, JavaScript, TypeScript, PHP, MySQL, HTML, CSS, Git

Study.com, Mountain View CA (on-site, then remote)
Front-End Software Engineer, November 2019 -February 2023

Responsible for creating and updating external site pages as well as internal tools. Worked extensively on the front-end customer view, and also created tests with Selenium to ensure the MySQL backend was performant with the Java frontend.

Project examples:
- Collaborated on layout components for long-form hub landing pages, enabling quicker builds for future pages while allowing for customizations.
- Built dashboards for internal management of the external website, allowing non-technical users to update content on demand.

Main Technologies:
> AngularJS, JavaScript, TypeScript, CSS, Less, Bootstrap, Gulp, HTML, JSP, JSTL, Java, MySQL, Selenium, Git

Rain Bird, San Diego CA (contract, on-site)
Software Testing Engineer, August 2018 -February 2019

Build QA testing for iQ4, a web-based customer interface based in Angular. Besides task-by-task integration testing, I worked to implement an end-to-end testing suite using Protractor and Selenium. creating unit tests for various front end components.

Main Technologies:
> JavaScript, TypeScript, Protractor, Selenium, Yarn, npm, Node.js, Git

Renovate America, San Diego CA (on-site)
Web Developer, May 2015 - April 2017

At RA I was primarily focused with two separate teams: one focusing on the internally-facing toolkit used in call center operations, and the other maintaining the externally-facing website.

Project examples:
- Created an interface for adding products to a customer's project, moving it from a jQuery-heavy independent page to an integrated part of the larger toolkit within AngularJS.
- Built landing pages for the customer-facing website incorporating a SiteCore CMS using AngularJS and Razor.

Main Technologies:
> AngularJS, JavaScript, Gulp, HTML, CSS, Sass, Bootstrap, Kendo UI, Microsoft .NET Razor, Microsoft C#, Git, Microsoft TFS

Best Buy, Richfield MN (contract, on-site)
Web Developer, September 2013 - March 2015

I was part of a small development group working on the analytics for the main BestBuy.com website. Working with the UI/UX developers, I would take in telemetry from the site and use Adobe Analytics for tracking the metrics required by the business.

Project examples:
- Led the effort to do a full rewrite of the website front end code base, moving from jQuery-based files to a module-based framework using RequireJS, integrated with Signal Tag Manager.
- Added new tracking metrics as requested by the business.

Main Technologies:
> JavaScript, RequireJS, Lodash, jQuery, Jenkins, Adobe Analytics, Signal Tag Manager, Git

Independent Projects

Roll-Cal
Launched November 2018

Searchable calendar for roller derby events. Allows users to create accounts to add their own events. I created everything for the site, including graphics, a front-end React app, a back-end API using Express and Node.js, and automated deployment using Travis CI.

Website | GitHub repository

Main Technologies:
> React, Redux, JavaScript, TypeScript, Node.js, Express, Sass, MySQL, npm, Babel, Webpack, Travis CI

Esports broadcast overlay for Rocket League
Launched December 2024

This overlay receives raw data from the game via a WebSocket connection, then sits on top of the game screen during live broadcasts to display the data in a graphical format, showing information like the score, time remaining, and player stats. The overlay system also includes pre-game matchup and statistics as well as post-game stats for all players.

I've launched a version of my overlay for two leagues, customizing the visual style for each as well as bringing in season-to-date stats for use during the pregame; one does this via an API, while the other gets data from Google Sheets.

Video of broadcast | GitHub repository

Main Technologies:
> CSS, Google Sheets, HTML, JavaScript, Node.js, npm, React, Sass, Vite, Webpack, WebSockets