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Summary

A Senior Frontend Developer with many years of varied IT experience. I am confident that my passion for learning new technologies, together with my skills and experience will enable me to immediately become a productive member of any team. As of late, I have had an affinity towards frontend development and building systems (design and developer experience).

Employment History

Twilio | *Full-time*

Software Engineer | **June 2021 - Current**

- Worked on the messaging (sms) user interface to improve the user experience using React, Typescript, fp-ts (functional programming library), and redux.
- Implemented regional support for the conversations console to support the Ireland region resources.

Intuit | *Contractor*

Software Engineer | **April 2021 - Dec 2021**

- Worked on various frontend improvements for the first user's experience within TurboTax Live. The improvements were done using React, xState, jest, and cypress.

Proximo Data | *Full-time*

Senior Web Developer | **June 2020 - March 2021**

- Led the development of the user interface, implementing designs, improving and suggesting new workflows to better guide the user to their data. The project is built using React and xState to manage the pages. Implemented end-to-end testing using testcafe.
- Created kotlin based API endpoints for use on user interface.

1010data | Remote

Senior Web Developer / Developer Manager | **November 2017 - November 2019**

- Initially hired as a contractor to provide guidance and the groundwork for a modern frontend written in vue.js. Within a few months, I was hired as a full-time developer to lead the front-end development.
- We created a user interface for analyzing truly big data using 1010data's existing backend infrastructure.
- Created the foundation and framework for building an internal design system (called disco design system. Aka DDS). DDS components were built in stencil.js as web components set to be used in any modern framework that our internal developers chose to use. At the time of leaving we had built 20+ components and integration was beginning to happen across multiple projects.
- Managed, provided weekly 1-1's, mentorship, and manager of junior developers.

Orange Grid | Brea, CA

Senior Web Developer | **February 2017 - October 2017**

- Startup SaaS provider in the business process management (BPM) space. Responsible for

the development of building UI framework in vue.js to create a cohesive set of tools to build new and existing pages. Updated existing pages that were built using knockout.js, c#, and asp.net MVC.

Rhythm Agency | Irvine, CA

Senior Developer | *December 2015 - December 2016*

- Worked on website updates and enhancements for a wide variety of clients using a varied number of technologies. Websites include but not limited to segway.com, shopirvinecompany.com, shopirvinespectrumcenter.com, shopfashionisland.com, shophemmarketplace.com, villagesofirvine.com, westerndental.com, smartstopselfstorage.ca, firsthealth.org, silveradocare.com

Enver Solar | Tustin, CA

Senior Developer | *September 2015 - December 2015*

- Developed lead management system to manage leads submitted from a multi-level marketing affiliate program. Create API for lead submissions using Web API. Integrated with Twilio SMS API to inform customer service representatives when a lead has been submitted. Also integrated with SignalR to automatically refresh the data on the customer service portal when a new lead arrives.

Rhythm Agency | Irvine, CA

Senior Developer | *September 2014 - August 2015*

- Developed the backend search structure based on Elastic Search for Scan Health Plan's public-facing website. The Elastic Search implementation upgraded the speed of the search functionality drastically and has been a successful upgrade for the client. Angular.js was used on the front-end to interface with the Elastic Search API.
- Lead the building of two client projects. Project one was called Scan Health Medical Repository where internal Scan employees and select providers are allowed to search and review medical plans supported by Scan. Project two was for The Irvine Company and included building a system that they can easily reproduce similar websites for property buildings (onelajollacenter.com). In each of the projects, there was assistance (approx. 50%) on the front-end by co-workers but I was the lead developer of each project.

Modal Design Agency | Irvine, CA

Senior Developer | *December 2013 - September 2014*

- Developed an N-Tier framework with Entity Framework and a repository pattern (inversion of control) to store data acquired from various third-party API's (GuideStar and Network4Good). This data was stored to provide an easy search of non-profit organizations on their website. Integration of the Network4Good API was implemented to accept donations that are submitted from the website directly to the non-profit organizations. Used VolunteerMatch search API to display volunteer opportunities for the visitors of the website. The website was Unite4Good.org but has since been redeveloped.
- Created an administration portal to manage the non-profit information, donation and user data using Grid MVC (open source grid framework). Also developed real-time reports using DC.js, D3.js, and CrossFilter.js frameworks of activity from the website users. The website was Unite4Good.org but has since been redeveloped.
- Updated and managed microsite for Oakley sunglasses built as a multilingual site using node, express, handlebars, and sass.

Converze Interactive | Costa Mesa, CA

Senior Developer | *May 2013 - December 2013*

- Developed a pay for real estate listing service (homebidz.com) that targeted rent-to-own listings. The process included building a SQL database, downloading a 900 GB XML file nightly and updating the listings in the database, develop the frontend user experience, develop a members-only section with full listing details using HandleBars.js, optimized SQL queries to ensure fast searching across the 900,000+ real estate listings in the database, integrate payment gateway (NMI), and developed administration section to handle cancellations and refunds with API integration into OrangeCRM.
- Maintained lead management system. Optimized SQL queries and stored procedures that accessed tables with 25+ million records to ensure user interactions on the website were smooth. Added additional features to the system to manage the users and reporting.
- Developed and maintained lead generation websites (example: targetedcareer.com) using various technologies. The tasks included taking designs to production and integrating a custom lead management system.

The Dot Printer | Irvine, CA

Senior .Net Developer | *March 2010 - May 2013*

- Architected software (console, Windows Forms, Windows Workflow, ASP.NET Web API, and ASP.NET MVC) and database (SQL) for a medical client that resulted in daily imports of data (average of approx. 500,000 records monthly) and producing a PDF output for print and eventually mailings. Created intranet website with MVC, Entity Framework, Razor and Kendo-UI to access, analyze and update data. Created ASP.NET Web API self-host service for the client to retrieve information regarding the data.
- Developed e-commerce solution to create, maintain and operate multiple stores from a single installation of the SQL database and codebase. An example public website is deltacogiftcards.com
- Created additional features to the e-commerce solution which include: administrator approval of orders, packages for reselling the system with different features, and a plug-in system for third-party developers.
- Modified an open source help desk management system, written in VB.NET, to have different levels of administrators. Created a way to implement landing pages so outside users could open a ticket with a custom design. Extended form features to include a calendar option that added events to the company google calendar.

Additional Contracting Projects

Danckuts | *Contract (on-going)*

Hair Salon Appointment and Client Management System

Consultant | *October 2015 - Current*

- The client scoped a redevelopment of an existing appointment and customer management systems to be brought up to current standards and make way for future development. A portal was developed with SQL Server, asp.net and angular js. The project also included mobile application integration using React Native. An online scheduling plugin for the Squarespace website was built using vue.js.