

## Skills

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| <b>Languages</b>                  | HTML, CSS/Sass, JavaScript (ES6), TypeScript, C#, SQL/NoSQL/GraphQL      |
| <b>Libraries &amp; Frameworks</b> | Vue, Angular, React, jQuery, Node.js, Express, .Net Core, .Net Framework |
| <b>Tools &amp; Platforms</b>      | Git, Azure DevOps, Heroku, WordPress, Firebase, SSMS, Oracle             |
| <b>Design</b>                     | Figma, PhotoShop, Adobe XD, Illustrator                                  |

## Professional Experience

### Full Stack Engineer @ FoodChainID

**July 2021 - May 2023 // Dallas, TX**

- Designed and developed over 30 secure .NET APIs from scratch to provide personalized experiences for clients, resulting in becoming a preferred developer resource for multiple clients.
- Developed and maintained repos and CI/CD pipelines on Azure DevOps, reducing manual deployment steps and time to production by over 80%.
- Solely developed a full-stack VueJS proof of concept for a client, demonstrating the potential for new features, securing an 18+ month project with the client for continued feature development.
- Expressed a high level of adaptability and understanding of new code bases on a monthly basis, developing over 75 unique productivity enhancing extensions for client tools and software.
- Led and mentored other junior and senior engineers, facilitating a more productive environment through, pair programming, brainstorming, and collaboration.
- Increased client satisfaction and retention on a frequent basis by completing projects under strict budgets and deadlines as well as balancing multiple projects and responsibilities.

### Full Stack Engineer @ National Math and Science Initiative

**March 2020 - July 2021 // Dallas, TX**

- Developed and deployed a modernized Angular 6 SPA with supporting database schema in time to provision 35,000 new users.
- Saved thousands of manual hours a year for both development and operations teams by integrating a new back-end event and job processing framework with our modern site to promote automation.
- Supported our company and clients during the pandemic by taking on the responsibilities of many roles and frequently working at 125% capacity in Azure DevOps.

- Maintained the company's legacy AngularJS site and wrote detailed documentation on code that was not previously documented.

## IT Applications Engineer @ Sedgwick CMS

**July 2015 - March 2020 // Dallas, TX**

- Enabled quicker response times from our team and better user experience for clients by designing and developing a statistical ETL process status dashboard using Azure Cloud technologies.
- Saved hundreds of developer hours with custom written tooling to dynamically generate PL/SQL scripts needed for multiple repetitive ETL tasks.
- Created and maintained custom ETL processes to extract, transform, and load data from a large variety of sources into various our DataWarehouse for reports, web applications, and analysis for thousands of clients.
- Documented our day-to-day ETL processes and consolidated our knowledge base to save hours each day spent configuring, troubleshooting or starting new projects.

## Projects

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### Custom Neon Sign Designer (Freelance - QuickNeonSigns.com)

An interactive neon sign designer built with HTML, CSS, and JavaScript allowing customers to design their own custom neon signs with the ability to preview the text, font, color, and size.

**Technologies: HTML, CSS, JavaScript, jQuery, WordPress**

- Developed a web page as part of a WordPress Child Theme to allow for complete customization of neon signs for a client's WordPress site.
- Created a live preview feature that allowed users to interactively modify the sign by dragging it around, resizing it, and changing its colors, font, and text.
- Utilized mobile-first design principles and coding techniques to ensure that the custom page was fully responsive and optimized for mobile devices.
- Integrated the custom page with other WordPress features, such as e-commerce functionality and user authentication, as needed by the client.

### Droppy (Freelance - Earth Grown Wellness)

Custom drop-Shipping Plugin for Shopify Admin that allowed clients to easily manage their product inventory and order fulfillment processes between a Shopify shop and their warehouse shop on-demand.

**Technologies: HTML, CSS, Polaris (REACT), Heroku**

- Collaborated with the client to identify pain points in their existing order fulfillment process and worked to address them with the custom plugin, resulting in a more efficient and streamlined process.
- Built an intuitive user interface using Polaris that allowed clients to import products from their warehouse shop and specify which account, credit card, and options to use for each product when fulfilling customer orders.

- Leveraged Shopify Webhooks and API to integrate with our own Node-based API that was triggered with a web-scraper when the shop got an order.
- Utilized GitHub actions to create a full CI/CD pipeline, deploying the backend node server to Heroku, allowing for rapid development and quick feature iteration.

## Bardic Inspiration App (Personal)

Personal tool app created using Vue, TypeScript, and SCSS to provide everything a successful Bard would need during their adventures in Dungeons and Dragons.

### **Technologies: VueJS, TypeScript, SCSS**

- Learned VueJS fundamentals while building a useful app for one of my hobbies.
- Developed a responsive single-page application to be both mobile and desktop friendly.
- Utilized Slots to create virtual tabs that allow users to switch UI components based on preference.
- Stood-up a firebase database and API to get and return random inspiring quotes.

## Preferred Pronouns Chatbot (NMSI)

Interactive chatbot built using Microsoft Power tooling that was used for internal company inclusivity training.

### **Technologies: MS Power Automate, MS Power Virtual Agents**

- Designed and developed an interactive chatbot for use in company run inclusion training.
- Utilized Microsoft Power Virtual Agents for creating the basic conversation flow and topics.
- Integrated Microsoft Power Automate for more advanced functionality with custom code.

## ETL Status Dashboard (Sedgwick CMS)

Web app built with .Net Core, Razor, JSON and Azure for visualizing the ETL Processes, their statuses and any downtime in progress.

### **Technologies: .Net Core, Razor, Azure**

- Architected a full-stack solution utilizing Azure Logic Apps to interface with on-premise Oracle databases and exposed through a .NET Razor UI and hosted in an Azure Cloud App Service.
- Saved teams multiple hours each day by providing an automated dashboard showing statuses of our ETL processes which are vital to the company.

## Education

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Sam Houston State University

**2010-2013 // Huntsville, TX**

Bachelor of Science in Management Information Systems