

Summary

Dynamic and innovative Front End Engineer with a passion for creating engaging user experiences and cutting-edge web applications. Leveraging expertise in modern web technologies and frameworks to deliver high-quality, responsive designs. Seeking to contribute technical proficiency and creativity to a forward-thinking team.

Skills

- Experience with modern JavaScript frameworks/libraries such as React.js, Next.js and Node.js
- Strong understanding of responsive web design principles, design and techniques
- Knowledge of RESTful APIs and asynchronous request handling
- Version control with Git and GitHub/GitLab
- Experience with testing frameworks such as Jest, Mocha, or Jasmine
- Strong problem-solving and debugging skills
- Strong communication and collaboration skills, with a proven ability to work effectively in cross-functional teams.

Professional History

FEVO (Contract), Remote Front End Developer

February 2023 – Dec 2023

Used React to modernize and enhance the checkout process as well as integrate and enhance admin features for promoters booking their events online.

Selected Accomplishments

- Leveraged React to continuously refine and elevate the online event booking checkout experience.
- Partnered closely with product managers to seamlessly integrate Google Analytics events and tagging within the checkout process.
- Worked with QA to ensure a smooth workflow for the User Experience from offer to checkout.
- Fixed UI bugs and implemented user improvements to make the checkout experience more enjoyable.

CDC (Contract), Remote Front End Developer

April 2022 – December 2022

Focused on the visualization of health statistics, presenting complex data in an easily understandable and visually engaging manner. This involved creating interactive charts, graphs, and other visual representations to effectively communicate health trends and projections.

Additionally, I created a consistent and scalable design language, including defining color palettes, typography, component libraries, and user interface layouts to ensure a cohesive user experience, improving usability and aesthetic appeal.

Selected Accomplishments

- Improved existing charts by adding data visualization features.
- Utilized React, D3, and Viscx for integrating data with visual elements.
- Executed sort and filter operations on data sets, enabling users to explore data from various angles.
- Employed CSS/SASS for constructing the UI design.

Ford Motor Company (Contract), Detroit, MI
Front End Developer

November 2021 – March 18 2022

Primarily contributed to the front-end team, while also establishing all endpoints on the backend API using Node. Collaborated closely with the development manager to understand requirements for implementing Ford's collision detection software. Independently designed the UI and established a design system for use by other developers.

Selected Accomplishments

- Constructed React UI components to facilitate users in adding new labels to images, which in turn fed the machine learning algorithm.
- Developed backend routing and API endpoints using Node/Express.js.
- Utilized Google Cloud Storage to fetch images for the UI and Google Big Query to establish endpoints for sending and receiving requests.
- Spearheaded the integration of a new tech stack into Ford's ecosystem.
- Independently designed the UI from scratch, contributing to a more refined design system. Employed CSS/SASS for constructing the UI design.

Crypsis Group, McLean, VA
Front End Developer

March 2019 – June 2021

Working as part of an engineering team to build tools to aid incident responders in analyzing critical data relevant to their case loads.

Selected Accomplishments

- Used React to build out UI components such as modal overlays, dropdowns content cards, etc as well as design systems used across two different apps.
- Helped lead the initial frontend development efforts of our internal tool and established frontend tech stack to be used on the product.
- Assisting in an ongoing effort to streamline our product both from a technical perspective as well as on the User Experience side based on personal experience and client feedback.
- Lead and participated in feedback sessions to ensure the product was inline with our vision and the vision of our stakeholders. Contributed to troubleshooting deployment issues caused by build errors and artifacts.

Burgess Group, Alexandria, VA
Front End Developer

October 2018 – March 2019

Working on internal tools to help researchers and QA team to test configurations for automated billing processes. Tools used to maintain this application are React, Webpack, SASS and Jest for Unit Testing

Selected Accomplishments:

- Managing direction of application, incoming bugs and features to be added. Delegating tasks accordingly between front end and back end developers.
- Implementing new features for the front end.
- Using ReactJS and Redux on the front end to build out UI components for single page applications along with Jest for unit testing and running snapshot tests.

AARP Washington, DC
Front End Developer

June 2016 – October 2018

Responsible for maintaining the front end code base (a standalone application written in angular) for AARP's StayingSharp product, which is a collection of brain games used to help individuals sharpen cognitive abilities.

Selected Accomplishments:

- Mentored a team of junior developers on front end architecture, best practices and coding standards.
- Front End tech lead. Responsible for getting new developers caught up to speed with StayingSharp/AngularJS/Node/React.
- Provided support for adding new features to the platform including building prototypes and design mocks.
- Maintained a backlog of bugs and performance related improvements.
- Developed new systems/front end architecture to stand up new projects and prototypes.
- Used ReactJS and Jest to rebuild an legacy application from the ground up.

Symplicity
Front End Developer

September 2014 – June 2016

Responsible for working with a team of Visual Designers, UX Designers, and Back End Developers on various products for our education sector here at Symplicity.

Selected Accomplishments:

- Provide front end support for web applications using AngularJS, our web application framework of choice.
- Operating as the front-end lead, which requires providing assistance in deciding direction in feature sets.
- Provide front end support for our public facing website including web performance.
- Aid in setting front end architecture for our website plus web apps.

Financial Industry Regulatory Authority (FINRA) (Contract)
UX Developer

July 2013 – September 2014

Responsible for working with a team of UX designers to aid in implementing new user interfaces and enhancing current applications within an Agile environment. Develop interactive prototypes and user interface design based off of wireframes and user flows provided by the UX designers.

Selected Accomplishments:

- Developed prototypes for new application concepts.
- Designed user interaction systems for a diverse portfolio of FINRA internal applications.
- Aided in developing a style guide to be used across FINRA applications and website.
- Resolved Front End related bugs in FINRA applications such as CSS/JavaScript related issues.

American Institute of Research (AIR)
Front-End Web Developer

July 2012 – June 2013

Responsible for all front-end development pertaining to American Institute of Research's Assessment division's testing app which provides data banks of test items to clients for the purpose of delivering online tests to participating students. Specifically, my duties entail writing JavaScript to pull data from data banks and displaying that data for clients to interact with and modify through rich text editors implemented by myself. Duties also include developing plugins for our CKEDITOR.

Selected Accomplishments:

- Implemented CKEditor on edit pages of our app to allow clients to format content.
- Imported and integrated data feeds via sXML
- Responsible for keeping all front end code organized and maintainable.

U.S. News and World Report
Front-End Web Developer

April 2011 – July 2012

Responsible for developing new templates and widgets for U.S. News data projects such as Best Colleges, Top-Doctors, etc. Provided technical support and expertise to Web Producers who are responsible for embedding widgets into templates developed by me. Developed new site sections based on graphic mocks provided by the UI team using Python/Pylons to develop page templates and jQuery for interactivity.

Selected Accomplishments:

- Was lead developer on several data projects such as Top-Doctors and Best Colleges. I used Python as a programming language and TAL as a templating language to render page templates. I used CSS3/HTML for visual style.
- Developed a small scale FaceBook application that allows visitors to login and view there Facebook friends that attended certain schools. Technologies used were jQuery/Ajax and jQuery Templates (a JavaScript templating language for building html elements dynamically)
- Developed advertisement widgets.

University of Maryland University College
Senior Multimedia Designer

June 06 – April 2011

Responsible for the day-to-day maintenance of UMUC's website including overseeing the technical aspects of UMUC's content management system (CommonSpot), events and marketing material. Accountable for creating mini-sites, promotional splash pages, interactive content, on-demand and live video streaming needs and html e-mails.

Selected Accomplishments:

- Redesigned UMUC's Website using XHTML, CSS and JavaScript for the entire UMUC Web site (2011 version).
- Assisted in Implementing CommonSpot Web Content Management System.
- Introduced the university to the use of interactive flash applications and video streaming.
- Researched and Launched Flash Media Servers to host streaming videos. Worked with various departments to test and troubleshoot video playback prior to launch.
- Mentored, and Provided Creative Direction to a diverse Web team. Held bi-monthly knowledge and best practice sharing groups.
- Developed a full set of templates for UMUC's content management system using Coldfusion/XHTML/CSS/jQuery.
- Created design mock-ups for various departments using Photoshop CS2/Illustrator CS2

Freelance Designer
Graphic Artist/Web Designer

September 04 – November 06

Developed business relationships with several small businesses throughout the Northern Virginia/Baltimore, MD/Washington Metropolitan Area. Produced web sites and collateral material for photography studios, start-up companies and developed one-day-event sites for both Richard Petty and Dorothy Hamill.

Selected Accomplishments:

- Produced Ad Campaigns for newly established businesses
- Create graphical interfaces and layouts for websites/print collateral
- Designed and maintained websites
- Designed logos, flyers, business cards

Black Entertainment Television
Intern: Graphic Designer

January 04 – March 04

Responsible for creating logos for certain BET annual events such as BET Gospel Awards and Spring Bling using Adobe Illustrator. Designed Metro Bus Ads and post cards for annual events using Quark Xpress and also prepared files for printing vendors.

Selected Accomplishments:

- Designed logos for Spring Bling 2004, Gospel of Celebration and BET Awards
- Prepared BET weekly news Tune-in Ads for print
- Designed Metro Bus Ads
- Digital Production to include pre-flighting files for press preparation
- File records