

## LANGUAGES AND TOOLS

**LANGUAGES:** Python, JavaScript, HTML5, CSS, JSON, SQL, Java, C++

**FRAMEWORKS:** Vue.js, React.js, Bootstrap, Node.js

**TOOLS:** Jira, GitHub, Yarn, Jupyter Notebook, Netlify, Firebase, Visual Studio Code, NPM, Visual Studio

**DATABASES:** GraphQL, MySQL

## EMPLOYMENT

### Michigan Aerospace Corporation, *Software Engineer*

June 2021 - Current

- Partnered with development team in an Agile Scrum environment to develop multiple new features and improvements to Vue Springmatter application.
- Developed reusable frontend Vue UI components for use across application for future feature implementations.
- Rebuilt Profile page for improved user experience and better collect user data for later subscription model roll out.
- Configured automated testing framework for Springmatter application utilizing Jupyter Notebook and Python Selenium.
- Administer weekly automated and manual testing replicating user experience before and after deploying feature updates and bug fixes to the production application.
- Maintained Jira board weekly during sprints to monitor team progress on tasks and bug fixes and assign new tasks and bug fixes.
- Assisted team on water turbidity project for Michigan DNR creating a Python application that would use collection of images from deployments to convert to video for additional data analysis.

### Brooksource, *Software Engineer-Contract at Ford Motor Credit*

February 2021 - May 2021

- Cooperated with team in an Agile Scrum environment to develop new features and integrate fixes or improvements to Angular online financing application.
- Partnered with team members daily in pair or mob programming sessions to design and build robust solutions to meet user story acceptance criteria for functionality, scalability, and performance.
- Performed weekly software testing and code reviews to uncover bugs and troubleshoot issues prior to feature launch to production.
- Cooperated with the team to code and deploy client and server-side A/B testing in Angular and Spring Boot for experimentation and collecting customer data to determine improvements to conversion ratio.

### StickerBlitz, *Software Engineer-Temporary*

September 2020 - December 2020

- Collaborated with a team of three to implement new Shopify features using Shopify API to client website for customers to use Shopify accounts to upload designs to the client's website.
- Integrated Shopify API to handle the transfer of information, including order items, shipping address, and reporting usage for payment processing.
- Developed a single-page embedded Shopify App, and extended the existing front-end React.js framework for new features.
- Team coordinated weekly with client to provide updates to current status of project and discuss additional features to administer during development.
- Team delivered series of four demo presentations providing update on application's current status to client and instructor after 2-3 week iterations.

### Secure-24 LLC, *Technical Support Representative*

June 2019 - January 2021

- Administered tier 1 and 2 support and solutions for level one through three incidents for Secure-24 clients.
- Implemented investigative skills to identify recurring issues, identify advanced and undocumented issues for end-users daily.
- Advised customers closely via phone, email, and live chat, and kept customers informed on the status of requests/issues daily while utilizing knowledge base articles and procedures.
- Serviced client Active Directory and O365 environments providing onboarding and offboarding of employees and any other requested changes per ticket.
- Documented daily transactions and support interactions in the system for future reference and addition to the knowledge base.
- Collaborated weekly with vendors to locate replacement components, and other end-user hardware to resolve advanced problems.

## PROJECTS

### Angular Budget Calculator

- Created budget calculator app that calculates a budget for user based on expenses and income.
- Completed budget calculator in Angular framework following tutorial to gain a deeper understanding of the framework.
- Tools: Angular, Visual Studio Code, Netlify

### EasyPaint Application

- Coordinated with a team of four to implement change requests to the application while collaborating as a team over a three-month period.
- Introduced three new features, a Horizontal/Vertical Flip tool, Convex/Concave Hexagon instrument tool, and a Convex Hexagon Selection tool.
- Tools: C++, Visual Studio, Qt

### Hospital Triage Project

- Created program to simulate a triage situation in a hospital uploading data containing a code number representing the severity of each patient's condition.
- Conceptualized program to help improve daily efficiency in getting patients care and managing resources.
- Tools: Java, NetBeans

## EDUCATION

### Wayne State University

Bachelor of Arts Computer Science

December 2020

### Oakland Community College

Associate of Arts Liberal Arts