DARRYL GREEN JR

SOFTWARE ENGINEER

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SKILLS

LANGUAGES: Python, JavaScript, HTML5, CSS, TypeScript, 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, Lighthouse
DATABASES: MySQL, PostgresSQL

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 implementation rollouts.
- Rebuilt Profile page for improved user experience and better collect user data for later subscription model rollout.
- Configured automated testing framework for Springmatter application utilizing Jupyter Notebook and Python Selenium.
- Administered daily automated browser E2E testing replicating user experience using Selenium on web application.
- 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.
- Collected thousands of images utilizing custom-built Python web scraping application scanning through CSV data sets to identify URLs to download images from.
- 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.
- **Technologies Used:** JavaScript, Python, Vue.js, HTML/CSS, Selenium, Jupyter Notebook, VS Code, Git Bash, Yarn

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.
- Paired with team members in pair programming sessions daily to debug existing Angular front-end framework, extend existing features, and develop new features within code.
- 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.
- **Technologies Used:** HTML/CSS, JavaScript, Java, TypeScript, Angular, Postman, Jenkins, IntelliJ, NPM, Git Bash

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.
- **Technologies Used:** ServiceNow, Active Directory, LogMeIn Rescue, Powershell

PROJECTS

Netflix Clone Project
- Developed a clone of Netflix that largely replicates desktop web experience for end-users.
- Completed project in commonly used MERN stack to gain better understanding and experience using the stack.
- Completed project following tutorial allowing for better understanding of React.js framework.
- **Tools:** React.js, MongoDB, Express.js, Node.js, TMDB API, VS Code, Firebase

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

Stickerblitz - Senior Capstone Project
- Collaborated with a team of three to implement new Shopify features using Shopify API to client full-stack web application 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.
- Tools: HTML/CSS, JavaScript, Embedded JavaScript, React.js, Node.js, Shopify API, AWS DynamoDB, NPM, Ngrok, Git Bash

EDUCATION

Wayne State University   December 2020
Bachelor of Arts Computer Science

Oakland Community College
Associate of Arts Liberal Arts