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SUMMARY

Throughout both my education and career as a software developer, I've challenged myself numerous times to solve new, complex problems, as well as build robust, maintainable solutions. I enjoy creating useful tools to fix technical system deficiencies for both myself and others, benefitting end-users and internal teams. I am looking for a change in position that would allow me to continue growing my skills by exposing myself to a much wider range of technology stacks.

EDUCATION

Florida International University – Bachelor's Degree in Computer Science **| August 2017 - July 2020**

WORK EXPERIENCE

Skyline Communications – *System Developer* : *C#, .NET, CI/CD, Agile Methodology, SCRUM* **| July 2020 - Present**
Developed and maintained software integrations that allowed for external software and hardware solutions from various vendors (Evertz, COX, Verizon) to communicate with Skyline's Dataminer management product.

- Restructured a mission-critical solution for FOX which allowed them to double the number of hardware integrations **doubling performance and increasing reliability**.

- Led the development of two large integrations for VideoFlow devices, expanding their feature sets and dramatically reducing API processing latency **from over 2 minutes to below 5 seconds, increasing customer retention**.

- Led an extensive refactor of a legacy Verizon integration, improving its stability and performance, and architecture. This refactor brought it up to par with our other integrations in terms of performance and security, achieving a **nearly 36% increase in performance** and eliminating **critical bugs that previously caused extended downtime**.

- Automated the management of development environments for our Verizon infrastructure, **saving at least 1 hour each day for myself and my squad** and **reducing the risk of accidental shut downs**.

- Automated the deployment of two key solutions, completely removing manual steps and **reducing the length of maintenance windows by at least 2 hours**.

- Initiated a large documentation plan across our teams, **reducing onboarding time for new members**.

- Implemented visualizations for Cox Communications that allowed their operators to easily monitor connection status and traffic between devices in their infrastructure chain, **decreasing support ticket resolution time**.

Kaseya – *Customer Support Engineer* : *Python* **| January 2019 - October 2019**
Provided technical support for multiple key products, providing customers with highly technical troubleshooting for a wide array of issues. I developed custom automation solutions to streamline processes and increase productivity for myself and my team in order to maintain high product quality.

PROJECTS

Supermarket Manager – *C#, .NET, ASP.NET, JavaScript, SQL, Bootstrap*
Developed a simulated Supermarket Management System to manage products and their categories, handle simulated purchases, and create detailed reports about these purchase records.

- Constructed a scalable, performant application by adhering to **Clean Architecture principles**, maintaining **easy extensibility** and **separation of concerns**.

- Integrated **EntityFramework** to perform **Object Relational Mapping** with available data sources such as a **SQL Server**.

- Implemented **user authentication** mechanisms using the **Core Identity API**.

- Designed an easy to use interface styled with **Bootstrap** and given reactivity with **JavaScript** and **JQuery**.

GameTally – *PHP, Laravel, AlpineJS, MySQL, Tailwind CSS, Docker, CI/CD*
Created a list-style web application to keep track of my growing backlog of games to play.

- Implemented the use of a **third-party API** (SteamGridDB) to grab metadata about each game displayed on the list.

- Set up a **continuous deployment pipeline** using **Laravel Forge**.

- Designed an intuitive user interface styled with **Tailwind CSS** with responsive design principles, ensuring a seamless experience across devices of various screen sizes.