

## SUMMARY

Software developer with four years of experience creating business solutions and product enhancements. Highly proficient with React and C#, with a keen eye for frontend design. Creative problem solver who works well alone or in a collaborative environment. Quick learner of new technologies. Results driven with the ability to look outside the box to find workable solutions.

## PROFESSIONAL EXPERIENCE

**Software Engineer II** | Valence Oct. 2020 - Present

- Developed **Blazor** frontend for surgeon scheduling application used by *Providence* hospitals. Devised the site's email notification service utilizing **Azure Functions** and **SendGrid**.
- Spearheaded the **React** frontend development for second phase of *Spaceflight* rocket ride-share Mission Control web app. Contributed to building out new API endpoints with **AWS Lambdas** and **CloudFormation**.
- Constructed internal **React** web app for employee status modification and exit interview forms that resulted in a significantly streamlined record-keeping process.
- Investigated and presented findings of architecture problems regarding database connections in scheduled **AWS Lambdas** on *Hispanic Scholarship Fund (HSF)* platform.
- Improved the performance of *HSF's* API endpoints and long-running queries, reducing the execution time up to 97%.

**Software Engineer** | C-Labs Corporation May 2018 - May 2020

- Designed, developed, and maintained plugins for industrial **IoT** platform under machine manufacturer *TRUMPF*.
- Investigated and helped address performance issues of **Pub-Sub** messaging system by developing scalable **Docker**-based test framework.
- Produced a new, customized way to record sensor historian data into an **InfluxDB** time-series database.
- Enhanced distributed storage system by implementing interface to store application data in **SQL Server**.

## EDUCATION

Gonzaga University | *B.S. Computer Science, minor Math* 2014 - 2018

## RELATED PROJECTS

- Built personal website with **CI/CD** pipeline using **Gulp** and **Github Actions** deploying to **AWS**.
- Created **Vue.js** frontend for cloud-based development environment and project management tool with senior design project team.
- Recorded, edited, mixed, and produced 8-song album over the course of a year. Proficient in Digital Audio Workstations and video editing software.

## TECHNICAL SKILLS

- **Languages:** Javascript, HTML/CSS, C#, Java, Python, C++, SQL
- **Frameworks:** React.js, Vue.js, Blazor, Next.js, Create React App, Gatsby, Node.js
- **Other:** AWS, Azure, Swagger/OpenAPI, REST, npm/yarn, Gulp, Bootstrap, Material UI, Postgres