

# Christopher Keller

<Full Stack Developer/>

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## SKILLS

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**Technologies:** Azure, Heroku, Docker, Kubernetes, NATS, Nginx, Postman, noSQL(MongoDB, Mongoose, Redis), PowerShell, Git, Unity, VS Code, Android Studio, Adobe XD, Illustrator

**Languages:** Java, C#, SQL (MySQL, SQLite), JavaScript, HTML and CSS, Python, PHP

**Frameworks/Libraries:** Express, Node.js, React, Next.js, Jest, Bootstrap, Spring, jQuery, JavaFX

**Certifications:** CompTIA A+ and Project+, CIW UI Designer, CIW Advanced Web Development Specialist, MTA: HTML5 Application Development Fundamentals

## PROJECTS

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**TixGit** – [github.com/ckeller22/microservice-ticketing-app](https://github.com/ckeller22/microservice-ticketing-app) | [tixgit.website](https://tixgit.website)

- Scalable microservice app that allows users to sign up to view and purchase event tickets using Stripe API. Utilizes NATS Streaming Server to communicate between services.
- Runs in Docker containers that are executed in a Kubernetes cluster. In process of deploying to Azure.
- Back end is built using Express, Node.js, and TypeScript. Front end utilizes React, Next.js, and Bootstrap.
- MongoDB for all Express services, Redis utilized for expiration service.
- Features JWT based authentication, CI/CD using Github and Jest.

**Portfolio Website** – [github.com/ckeller22/Portfolio](https://github.com/ckeller22/Portfolio)

- Portfolio website hosted and maintained on Heroku cloud platform to showcase projects and allow users to contact me.
- Contact form utilizes AJAX requests to send data to PHP handler, processes data with SendGrid/PHP.
- Implements both client and server-side validation/sanitization to verify contact information.
- Features responsive design for both mobile and desktop views.

**WGU Term Tracker** - [github.com/ckeller22/WGU-Term-Tracker](https://github.com/ckeller22/WGU-Term-Tracker)

- Designed an Android application to allow WGU students to plan their terms and course selections, schedule alarms for both assessments and courses, and to save respective course notes.
- Utilizes an SQLite database to hold term, course, and assessment data, as well as course notes.
- Implements material design best practices.

## EDUCATION

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**Western Governors University**

*BS, Software Development*

**January 2020**

*Kent, WA*

## WORK EXPERIENCE

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**Freelance**

*IT Support/Software Development*

**April 2020 - Present**

*Puyallup, WA*

- Provide complete IT support services for a variety of systems and devices for residential clients, both in person and remote.
- Analyze and resolve hardware, software, installation, operating system, and network issues.
- Experience assembling and maintaining a variety of PCs.
- Work with a wide range of clients of varying technical skill level.