

Kari Swarthout

SOFTWARE DEVELOPER

kswarthout.github.io/resume

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Skills

- **Software:** (*proficient*): C#, Java, Python (*familiar*): Golang
- **Web:** (*proficient*): CSS/CSS3, HTML/HTML5, NGXS, REST, Swagger, TypeScript (*familiar*): JavaScript
- **Frameworks:** (*proficient*): Angular 2+, Bootstrap, DevExpress (*familiar*): Android, ASP.NET/Core, Node.js
- **Technologies:** (*proficient*): Git, NPM, Angular CLI (*familiar*): Azure, Firebase, IIS, Heroku, Wix Toolset
- **Database:** SQL, MySQL, MS SQL Server, NoSQL, Realtime DB, MongoDB

Work History

Aug 2018-
Present

AP Computer Science Teacher
Hsinchu American School, Hsinchu City, Taiwan

- Developed curriculum for two high school level courses.
- Introduced computer science fundamentals with daily lectures, assignments, and projects designed to provide hands-on programming experience in Python and Java.
- Evaluated student performance, providing feedback to students and parents.
- Encouraged a holistic view of computer science through discussion of modern application architecture, the software development lifecycle, and the impact of emerging technologies on society.

Apr 2017-
Feb 2020

Software Developer
Olympic Systems, Seattle, WA

- Worked with a small team to develop and maintain a cross-platform BI report integration for Microsoft Dynamics GP.
- Responsible for migration of time and expense web application from Silverlight based implementation to Angular based implementation.
- Completed custom development of BI reports using advanced queries to achieve reporting requirements, within performance constraints.
- Assisted client deployments contributing to technical documentation and the development of package installers.
- Coordinated with the Director of Sales & Consulting Services to provide technical support to clients using the reporting and T&E entry systems.

Projects

Jan 2018-
May 2018

Cloud Practicum | UST Global's Employee On-Boarding API
github.com/kswarthout/nscad-2018-cloud-practicum

- Collaborated with a team of 20 frontend, backend, and devop developers to implement a task-management web app deployed to the cloud using a CI/CD pipeline.
- Contributed to the design and development of a RESTful API using Swagger, the ASP.NET framework, and Azure Active Directory.
- Administered Agile/SCRUM processes utilizing Azure Boards to plan sprints, assign work, and track progress.

Sep 2017-
Dec 2017

Android Practicum | Seattle DESC Dispatch System
github.com/karibullard/Dispatch

- Developed an Android app used to track mobile crisis teams, communicate dispatch assignments, and collect travel and response times. The app relies heavily on Google Firebase Realtime Database, Authentication, and Notifications.
- Contributed to UI, database, and cloud function development.

Education

Sep 2016-
May 2018

Bachelor of Applied Science in Application Development
North Seattle College - Seattle, WA | 3.5 GPA

Aug 2009-
Dec 2012

Bachelor of Arts in Communication - Emphasis in Public Relations
Washington State University - Pullman, WA | 3.6 GPA