

Charles Hwang

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Profile

Experienced software engineer looking for interesting opportunities to utilize and grow his technical skills while creating practical and meaningful software.

Work Experience

Software Engineer – SPS Commerce

Since January 2021

Kotlin, React

- ▶ Developed services for integrating and connecting with third party eCommerce platforms and online marketplaces into the SPS Commerce platform and routing data to other SPS Commerce products
- ▶ Developed a React app for SPS Commerce account managers to interface with the aforementioned services
- ▶ Developed a React app that walks clients through the steps for integrating eCommerce platforms and online marketplaces with SPS Commerce's systems

QA Functional Tester – Activision

May 2020 - December 2020

- ▶ Wrote bug reports in Jira and captured media with OBS Studio while testing Call of Duty: Black Ops Cold War and content for Seasons 0-4
- ▶ Created and executed testing plans and coordinated QA testers and developers for play tests

Software Engineer – Target

January 2017 - October 2019

Java/Groovy, Ratpack, Kafka

- ▶ Modernized Target's warehouse management system through the development of new microservices
- ▶ Developed tools for automating and making deployment of applications to private and public clouds easier and faster for other Target development teams

C#, .NET

- ▶ Developed Target's in-house Self Checkout software to reduce the need for third party vendors and created a more consistent and reliable self checkout experience for guests and team members
- ▶ Deployed Self Checkout in August 2017 for all Target stores (1500+) across the country

Junior Software Engineer – GP Strategies

June 2015 - November 2016

JavaScript, jQuery, HTML, CSS, Node.js, Express

- ▶ Developed the John Deere Service Advisor 5.0 web application, a diagnostics tool for John Deere dealers and technicians
- ▶ Designed and developed web services using Express to interact with the Node.js local server solution for SA 5.0's offline mode and hardware diagnostics software

Education

University of Maryland, Baltimore County

May 2014

Bachelor of Science, Computer Science