Warren Chan

Software Development Engineer

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Work Experience

AMAZON

Software Development Engineer II - Ordering Platform — Seattle, WA (June 2020 - present)

- Managed contract execution ordering workflow performed after checkout and it is used by major businesses such as amazon.com, Audible, Prime Music, Video, Fresh, and Go
- Developed and maintained services that orchestrate plugins and services owned by different teams to carry out fulfillment, shipment, payment, refund, cancellation, fraud check, and order related actions
- Deprecated the legacy Ordering Manipulation Service and redirected all traffics to new OMS creating new business opportunities and improving performance by at least 250%
- Focused currently on migration and developing new features for products and offers related services
- Included other duties such as DevOps, oncall, mentoring, documentation, interviewing and code review

SAP

Backend Software Engineer - Cloud Platform — Vancouver, BC (Sept 2019 - June 2020)

- Developed software systems that are responsible of translating most of SAP's North American products into 80+ different languages.
- Implemented a converter to turn source codes into formats readable by SAP translation systems and to be reverted once actions are complete
- Implemented a service that can validate source files and apply correct pluralization rules to different languages

TELUS

Full Stack Software Engineer - Internet of Things — Vancouver, BC (May 2018 - Sept 2019)

- Developed an IoT connectivity self-served platform from concepts to product launch
- Executed and implemented system designs including database, client and backend services
- Participated in all aspects of the project with focus on ordering engine that supported the whole ordering workflow involving payment, subscription, and device management

Personal Projects

www.github.com/warrenkwchan

NextStory App

(May 2020 - August 2020)

- Developed an app for book-movie recommendation that allows users to search for favorite items and to customize collections with ratings and reviews.
- Designed and architected backend systems using MongoDB for data manipulations, Express framework for core services logic, and http endpoints to expose them to external services.
- Designed and implemented frontend pages and components using Redux libraries to manage states

Photogram iOS App

(February 2019 - May 2019)

- Built a photo sharing iOS app that users can create accounts to share photos with the public
- Designed and implemented the account authentication flow with the help of Firebase Auth UI and Database
- Cached uploaded and downloaded images to avoid redownloading from firebase and added image animation

About Me

Technical Skills	Java, Python, Typescript, Swift, Perl, MySQL, C/C++, Ruby, PHP
Web/Design	Spring Framework, AngularJS, Ruby on Rails, HTML/CSS/Javascript
Interests	iOS App Development, Machine Learning, Advanced Algorithm, Data Analysis
Technologies	SQL Server, MongoDB, Git, Jira, Xcode, Firebase, Realm, AWS, Docker, Jenkins

Education

University of British Columbia

(Sep 2015 - August 2019)

- Bachelor of Science, Majoring in Computer Science and Statistics