

# JAYSON YAN

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## Skills

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Languages: Python, JavaScript, Java, C++, Kotlin, Swift, HTML/CSS  
Technologies: Node.js, React, MongoDB, GraphQL, Express

## Experience

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### Full Stack Developer | TimeSaved

Sept 2019-Present

- Currently migrating server from tradition REST endpoints to **GraphQL** for customized API responses
- Spearheaded development of mobile API, in **Node.js** and **MongoDB** reducing average API response time by **~80%**
- Overhauled Swagger documentation to adhere to OpenAPI specifications and reduce documentation code by **7000+ lines (~34%)**

### Software Developer | Vouchr

Jan-Apr 2019

- Built out server endpoint to support deleting assets from **AWS S3** in **Java/Spring** to efficiently store client media/resources
- Restructured Android payment architecture in **Java** and **Kotlin** to support flexible client integration
- Refactored legacy code to adhere to an **MVP design pattern**, streamlining communication and improving performance between modules

### iOS Developer | Clearbridge Mobile

May-Aug 2018

- Worked on team of 4 to deliver the MyTeams app for NBC Sports with now **500 000+ downloads**
- Architected full push notification system in **Swift** with support for urban airships
- Built out in-app sharing feature with deep-linking functionality

## Projects

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### Color Me Creative

- Developed a web application that turns uploaded pictures into a paint by numbers game
- Built out full backend service in **Node.js** to allow users to upload images and toggle difficulty
- Developed frontend UI with **HTML/CSS, JavaScript, jQuery**

### Reading Cyborg

- Amazon Alexa skill built with **Node.js** and **AWS S3** to read short stories upon request
- Built web scraping and processing script with **Python** and Beautiful Soup to gather and process 100+ short stories

## Education

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### Honours Software Engineering, University of Waterloo

2017-2022

- Cumulative Average: 81%