

## Carl Guan

Email: [carlxguan@gmail.com](mailto:carlxguan@gmail.com)

### OBJECTIVE:

I am a full stack software developer keen on learning better software design practices and the complete lifecycle from development to production

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### TECHNICAL SKILLS:

*Coding:* Java 8+, Spring Boot, JavaScript/TypeScript, NestJS, Angular 2+, *Learning Rust*

*Operating Systems:* Windows, Linux

*Tools:* Git, Bash, Google Cloud, Jenkins, Kubernetes, Docker, Jest

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### WORK EXPERIENCE:

#### CVS Health | Software Engineer

(Oct 2020 - Present)

- develop NestJS backend microservices for a new yet-to-be released project, ensuring thorough unit testing with 100% code coverage, and supporting integration with frontend and testing teams
- set up Jenkins pipelines to deploy the new microservices as well as migrating legacy technologies to Google Cloud Kubernetes clusters
- use script files written in JavaScript to alleviate unrefined and inefficient day-to-day manual tasks assigned to meet Covid-19 demands

#### Tata Consultancy Services | Software Developer

(Sept 2017 – Oct 2020)

- Involved in development of several Java applications to eliminate day-to-day manual assignments and hours/days of wasted labor, dramatically improving productivity:
  - Troubleshoot and improved client website to greatly reduce latency, enhance UI and fix issues such as browser compatibility and execution flow
  - Facilitated communication with offshore team via creating a Spring Boot REST API with MongoDB to automate email alerts
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### EDUCATION:

Bachelor of Science in Computer Science, *Rutgers University*

May 2017

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### PROJECTS:

#### WaniKani Japanese Library Chrome Extension

Chrome extension written in ES6 JavaScript which calls a NestJS Rest API I created that stores and returns Japanese radicals, kanji, and vocabulary for quick and convenient retrieval in the browser when on the WaniKani website, streamlining the review experience

#### GamesDiscount

JavaScript and Java web application that uses the CheapShark API to find and/or filter and display the cheapest deals on games sold by online vendors. Link: <http://www.gamesdiscounts.co/home>