Carl Guan

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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, HTML5 & CSS3, JavaScript/TypeScript, NestJS, Angular 9+
Operating Systems: Windows, Linux
Tools: Git, Bash, Google Cloud, Jenkins, Kubernetes, Docker

WORK EXPERIENCE:
CVS Health | Software Engineer   **(Oct 2020 - Present)**
- Currently working in CVS Digital Health Services team, primarily on backend COVID-related minuteclinic services

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:
  1) developed applications to read daily Spring Batch jobs log files and format them into excel files, originally a 2-3 hour process shortened to less than 2 minutes
  2) assisted managers in rearranging excel files consisting of thousands of lines into a designated form to be uploaded to an SAP database, an otherwise unfeasible task by hand
  3) automated remediation of security flaws in source code including SQL injection, cross-site scripting, and cross-site request forgery using vulnerability-specific flaw patterns and regular expression matching, which greatly expedited the process as it usually took days to replace all flaw patterns in a single file
- Troubleshot and improved client site 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*   GPA: 3.3   **May 2017**

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