

Steven Ni

✉ stevenni.dev  sni153  stevenni  steven.c.ni@gmail.com  Calgary, Canada  Canadian

Technical Experience

Co-Creator, Software Developer, Constellation

10/2022 – 12/2022

Collaborated with an international team of four engineers across four time zones to build an open-source framework that simplifies geographically distributed API load testing.

- Architected a serverless load-generation system that allows developers to test how their system responds to HTTP requests from any AWS region using the AWS services: ECS, Timestream, Lambda, DynamoDB, and S3.
- Automated deployment of the load-generation system that reduces dozens of complex AWS CDK calls to two CLI commands.
- Created an NPM package for easy installation and use.
- Wrote and containerized the following components:
 - A load generation application to make HTTP requests following a user-defined test script
 - A data collection system to provide a single stream of data to AWS Timestream per region
 - A data visualizer to access data stored in the database

Professional Experience

Software Developer, Benevity

10/2017 – 09/2021

Make impactful software to help those who wish to donate to their chosen cause. Developing projects that promote good in the world.

Frameworks and languages: VueJS, JavaScript, Drupal, Laravel, PHP, CSS(Sass)

- Built Vue.js components to implement Benevity's design system in its products, working closely with UI/UX to iterate on designs.
- Troubleshoot, maintain and develop new features for the core product to ensure optimization and functionality.
- Helped refactor to meet accessibility standards.

Skills

Front-End

JavaScript, TypeScript, React, Redux, HTML/CSS, jQuery, Handlebars, Pug

Back-End

Node.js, Express, Go, PHP, PostgreSQL, MongoDB, RESTful APIs

Other

Git/Github, Docker, AWS, NPM, Jest, JIRA

Education

Launch School

2020 – 2022

A self-paced, mastery-based curriculum for full-stack software engineering fundamentals.

Bachelor of Science, Petroleum Geology, University of Calgary

2011 – 2015

Bachelor of Commerce, Finance, Haskayne School of Business

2002 – 2007