

LOC NGO

Software Engineer | Backend Expertise | Cloud Enthusiast

📍 Longview, WA

🌐 loctngo.github.io/profile

SUMMARY

10+ year experience in engineering backend to develop a solid system with strong consistency, scalability, and high availability in Micro-Service architecture and cutting-edge technologies. Full-stack building web applications in Java Maven, experience of using Restful APIs for 3rd-party integration and utilizing Agile development with a great choice of Java libraries and frameworks.

EXPERIENCE

Software Engineer

QAD

📅 12/2017 - 01/2026 📍 Santa Barbara, CA

- Develop QAD Digital Commerce platform which is serving B2C or B2B websites where users / vendors can go shopping online, and admins can fully control / customize the website (such as layouts, categories, products, customers, orders, shipping, etc..).
- Develop Business Rule Builder to automate related-data backend jobs.
- Develop Artwork Visualization Tool to identify main colors automatically from a user logo to make final imprints in production.
- Maintenance Fix / Troubleshooting / Code Review and Team Collaboration.

Software Engineer

BaldPeak Software

📅 11/2013 - 12/2015 📍 Portland, OR

- Develop self-service web-based PeakPortal where users can pay their billings and manage their subscriptions online.
- Integrate PeakPortal with Zuora for subscription framework, and Salesforce for CRM contacts.
- Write Netsuite custom script upon client requirements.
- Maintenance Fix / Troubleshooting / Code Review and Team Collaboration.

Student Programmer

Portland State University

📅 10/2011 - 10/2013 📍 Portland, OR

- Join Academic & Research Computing (ARC) team to develop Drupal websites for University clients with back-end (PHP, Bash Scripting), and front-end (HTML, CSS, JavaScript, jQuery, jQueryUI).
- Work on Python Selenium RC to automate the modification of data (in JSON) for Graduate School of Education (Continuing Education - CEED).
- Research web open-source technologies and web security techniques.
- Maintenance Fix / Troubleshooting / Code Review and Team Collaboration.

EDUCATION

Master of Science in Computer Science

California State Polytechnic University, Pomona

📅 2016 - 2017 📍 Pomona, CA GPA: 4.0

Bachelor of Science in Computer Science

Portland State University

📅 2007 - 2013 📍 Portland, OR GPA: 3.6

PROJECTS

QAD Digital Commerce

A platform built in Java Maven to support selling products online and managing customers, inventory, shipments, quotes and invoices. The platform provides a powerful and scalable solution to support ecommerce and marketing automation business for both B2B and B2C customers.

PeakPortal

A platform built in Grails framework to support selling subscriptions and allowing customers to manage their subscriptions online. The platform provides a powerful customization with subscription journeys, which can satisfy every client requirement with out of the box features.

ACHIEVEMENTS



Google Code Jam • Round 2

May 2022

Programming Competition by Google.
Top 2500th contestant.



Meta Hacker Cup • Round 2

Sep 2021

Programming Competition by Meta.
Top 1500th contestant • T-Shirt winner.



Intl Achievement Scholarship

Mar 2011

Awarded at Portland State University.

SKILLS

| | | | |
|------------|---------|---------------|----------|
| Java | Maven | Python | APIs |
| HTML | CSS | Bootstrap 3 | |
| JavaScript | jQuery | KnockoutJS | |
| IBM Cloud | AWS | Micro-Service | |
| MySQL | MongoDB | H2 | RabbitMQ |

PASSIONS



Cloud Technology Enthusiast

Eager following and participating in advancements in cloud services and platforms.