

LOC NGO

Sr. 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 system 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

Senior 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 - CED).
- 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

Worldwide famous programming competition hosted by Google.
Advanced to Round 2 in May 2022.

Meta Hacker Cup

Worldwide famous programming competition hosted by Meta.
Advanced to Round 2 in Sep 2021.

Intl Achievement Scholarship

Awarded at Portland State University in Mar 2011

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.