

BILLY NGO

Longview, Washington, United States | WWW: <https://billyngo.github.io/profile/>

EXPERIENCE

12/2017 - 01/2026

Senior Software Engineer

QAD – Santa Barbara, CA

- Develop QAD Digital Commerce platform which is serving B2C or B2B websites where users / vendors can go shopping online as any eCommerce website; and site 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.

Skills: Java, Maven, HTML, JavaScript, jQuery, KnockoutJS, CSS, Bootstrap 3, MySQL, MongoDB (NoSQL), APIs, Micro-Service, Load Balancer, Apache, Tomcat, IBM Cloud

11/2013 – 12/2015

Software Engineer

BaldPeak Software – Portland, OR

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

Skills: Groovy, Grails, APIs, H2, Hibernate, Apache, Tomcat, Linux, AWS

10/2011 – 10/2013

Student Programmer

Portland State University – 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.

Skills: PHP, Drupal, Python, Selenium, MySQL, MongoDB, RabbitMQ, Apache, Linux

EDUCATION

2016 – 2017

M.S.E. in Computer Science

California State Polytechnic University – Pomona, CA

GPA: 4.0

2007 – 2013

B.S.E. in Computer Science

Portland State University – Portland, OR

GPA: 3.61

AWARDS

05/2022

Google Code Jam / Round 2: Ranked 2345th

09/2021

Facebook Hacker Cup / Round 2: Ranked 1307th

03/2011

International Achievement Scholarship: awarded at Portland State University