

Kyle R. Wenholz

WORK EXPERIENCE

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Google, Seattle, WA

Software Engineer III, February 2016 - Present

- ▶ Designed and hosted an intern project for scheduled infrastructure deployments accounting for fault tolerance, debugging options, extensibility and open sourcing
- ▶ Owned the Google Cloud Service Registry: determining roadmap items; adding atomic updates, concurrent update locks, and rollbacks; and overseeing the eventual deprecation process
- ▶ Designed and wrote command line utilities for Deployment Manager, Type Registry, and Service Registry Google Cloud services
- ▶ Automated monitoring configurations with text-based tools: enabling testing and dashboards which reduced the time to create alerts and monitoring for new systems from one week to hours

Amazon.com, Seattle, WA

Software Development Engineer I and II Warehouse Deals, May 2013 - January 2016

- ▶ Designed, specified, and built a new AWS based software platform for a billion dollar reverse logistics business
- ▶ Reduced workflow launch time from days to hours by implementing a service for hosting and abstracting Simple Workflow workers
- ▶ Automated manual processes for communicating financial and inventory updates to vendors with asynchronous and event-driven workflows, saving over 200 man hours per week worldwide
- ▶ Integrated inventory tracking tools with a business portal, providing real-time analytics to replace monthly reports
- ▶ Led three engineers in localizing fulfillment center software and building translation management tools, reducing time to live by weeks and error rates by 50%
- ▶ Extended tax and accounting software to support international operations
- ▶ Enabled continuous deployment of systems through unit and integration tests with tools like Mockito and JUnit
- ▶ Performed technical talks for teams and developed new solutions to automated UI testing, deployment configuration, and monitoring
- ▶ Reviewed code, designs, and roadmaps for projects across multiple teams

CentsLess LLC, Tacoma, WA

Lead Engineer, May 2012 - January 2013

- ▶ Built Lendingshack.com, a site for peer to peer sharing, with open-source frameworks and tools like Django and Bootstrap
- ▶ Deployed, operated, and monitored Lendingshack.com on Heroku

EDUCATION AND SKILLS

Bachelor of Science in Computer Science and Mathematics from University of Puget Sound, 2013

Languages: Java, Python, HTML

Software: Google Cloud Platform, Amazon Web Services, Git, Unix, Kubernetes