

## **Richard Hoppes**

Seattle, WA

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### **Professional Experience**

#### **GeoFrenzy, Inc / August 2016 - December 2018**

##### **Senior Software Engineer**

- Worked with a team of software engineers to build a web application for customers to define geographic areas and apply rules to them. Those rules are then used to monitor states and issue commands to devices. For example: detecting that a drone is flying too fast, and forcing it to slow down. (Python, Flask, VueJS, Vuetify)
- Wrote documentation and created wireframes for the customer-facing web application MVP.
- Worked on the back-end REST API used to perform CRUD actions, authenticate users, process payments, etc... (Java, Spring Boot, JMS)
- Worked on internal management tools used to manage users and geofencing data used by our platform. (Java, Spring MVC, Vaadin, JQuery, GWT)
- Wrote and implemented automated browser testing using Selenium.

*Tech: Python, Flask, VueJS with Vuetify, Firebase Authentication, Java, Spring Boot, JMS, JUnit, Vaadin, GeoJSON, Selenium, Maven, Git, Couchbase, HTML, JavaScript, JQuery, CSS*

#### **Zappos IP, Inc / December 2014 - February 2016 / Seattle, WA**

##### **Software Engineering Manager**

- Worked closely with the recruitment team in Las Vegas to hire and manage a team of six mid-level to senior Software Engineers at the Seattle-based Zappos office.
- Worked on experimental mobile apps to increase customer engagement.
- Technical lead for the effort to migrate the Zappos Chase Rewards Program to Amazon back-end systems.
- Managed the inheritance, maintenance and enhancement of several key Amazon services to provide Zappos with inventory cost and unit level tracking in Amazon warehouses.

*Tech: Java, Spring, JUnit, Maven, Git, MySQL, Oracle Database, HTML, JavaScript, JQuery, CSS*

#### **Sharetown, Inc / June 2014 - December 2014 / Seattle, WA**

##### **Software Engineer**

- Designed and developed the Sharetown iOS app. The app was approved and released on March 24, 2015.
- Implemented a complete redesign of the Sharetown web application.
- Designed and developed new website features including canvas resizing for faster image uploads, infinite scrolling and Facebook data/image synchronization.

*Tech: Java, Spring, Thymeleaf, Objective-C, Maven, Git, MongoDB, HTML, JQuery, JavaScript, CSS*

**Zappos IP, Inc / July 2013 - June 2014 / Las Vegas, NV**  
**Senior Software Engineer**

- Technical lead for the team of engineers responsible for development of the purchase order and EDI systems for 6pm.com and Zappos.com.
- Managed a team of four software engineers
- Helped with training, logistics and delegation of work to a team of offshore developers.
- Technical lead for the migration of Zappos.com and 6pm.com vendor data to Amazon systems.
- Technical lead for the migration of Zappos.com and 6pm.com e-gift cards to Amazon systems.

*Tech: Java, Ruby, Spring, JUnit, Maven, Git, MySQL, Oracle Database, HTML, JavaScript, JQuery, CSS*

**Zappos IP, Inc / February 2011 - July 2013 / Las Vegas, NV**  
**Software Engineer**

- Designed and developed the front-end application used for vendor EDI certification and the resolution of EDI transmission errors
- Worked with a team of software engineers to build and maintain the front-end web application and back-end services used to create and manage purchase orders.
- Worked on reporting applications used by Zappos.com/6pm.com buying teams and vendors
- Mentored junior Software Engineers on front-end development using Maven, Java and Spring MVC.
- Volunteered with Zappos.code(), a Zappos initiative to mentor aspiring software engineers.
- Founding member of Sudo, a program designed to help UNLV computer science students build a tech community and gain practical experience.

*Tech: Java, Ruby, Spring, JUnit, Maven, Git, MySQL, Oracle Database, HTML, JavaScript, JQuery, CSS*

**ConnectionPower, LLC / October 2009 - February 2011 / Las Vegas, NV**  
**Software Engineer**

- Responsible for new development and maintenance of ConnectionPower's PowerWeb event management application. Features included event scheduling, room/building reservations, event registration, discounts, and payment processing.
- Helped to implement new deployment procedures and coding standards.

*Tech: PHP, Flash, Subversion, MySQL, HTML, JavaScript, Prototype, CSS*

**PartnerWeekly LLC / July 2007 – October 2009 / Las Vegas, NV**  
**Lead Developer**

- Member of the team responsible for porting PartnerWeekly's lead processing systems from PHP to Java.
- Led the effort to rewrite the application used to bill advertisers and pay publishers.
- Designed and developed a system used to queue and process automated reports and system alerts.
- Employee of the month – October, 2009

*Tech: PHP, Java, CVS, Subversion, MySQL, HTML, JavaScript, CSS*

**eVital Communications, May 2006 – July 2007 / Las Vegas, NV**  
**Software Engineer**

- Worked with a team of software engineers to build and maintain eVital's online learning platform and e-commerce websites.
- Led the development of analytic software used to manage and track e-mail marketing campaigns.
- Developed internal applications to streamline company processes.

*Tech: Flex, Flash, ColdFusion, PHP, HTML, JavaScript, CSS*

**Summary of Technical Skills**

- **Data:** Couchbase, MongoDB, MySQL, Oracle, Elasticsearch
- **Query Languages:** SQL, n1ql, MongoDB
- **Programming Languages:** Java, Python, PHP, JavaScript
- **Standards:** HTML, CSS, XML, SQL, GeoJSON
- **Frameworks:** Flask (Python), Spring/Spring Boot (Java), Cairngorm (Flex), Laravel/Lumen(PHP), CodeIgniter (PHP), Zend (PHP)
- **Version Control:** Git/BitBucket, Subversion, CVS

**Education**

**University of Nevada, Las Vegas**

- **Degree:** B.S. in Business Administration, Management Information Systems, 2001
- **Honors:** Deans List, MGM-Mirage Family Scholarship, Stan Fulton Scholarship, Earl and Hazel Wilson Endowment