

# Tony Helvey

480-707-9114

ashelvey@gmail.com

3539 E. Starflower Dr, Queen Creek, AZ 85142

## Profile

Software engineer with 12 years of experience, consistently recognized for leadership, driving architectural vision, and passion for problem solving.

Proven track record as team lead for 8 years, guiding 3 development teams in building enterprise and social media products from concept to launch.

Driven by delivering value to users and enabling peers.

## Work Experience

### Staff Software Engineer

February 2018-Present

*Blue Yonder, Scottsdale AZ*

- Led team of 4-6 engineers building integration Platform as a Service (iPaaS) applications with Mule ESB and Python to seamlessly integrate customer systems to BlueYonder Luminate Control Tower, completing millions of transactions daily in high availability, Azure based architectures
- Displayed relentless ownership of application deployment and operations, enabling teams to launch 15 enterprise customers by championing use of the product and evangelizing best practices through training and interactive review sessions
- Improved operational maturity and stability, gaining the ability to detect problems before users were impacted by designing health metrics, visibility tools in Splunk, and advocating preventative maintenance to proactively fix issues

### Sr. Software Architect

May 2014-February 2018

*Rushline, Scottsdale AZ*

- Designed and built full stack architecture for a social media startup as the initial member of the engineering team, while working closely in product design and validation with users
- Developed HTML5/Javascript/CSS3 web app using React, Backbone, and SCSS
- Built REST API in Python using web.py, MySQL, and SQLAlchemy as an ORM
- Implemented front-end build process using Grunt to compile React JSX with Babel, SCSS with Sass, minify, uglify, and package code for deployment

## **Sr. Software Engineer**

July 2012 – May-2014

*Workiva, Scottsdale AZ*

- Developed an HTML5/JS app in AngularJS from conception to product release on desktop and mobile platforms as a part of the company's larger software suite
- Used Python and Google AppEngine to provide customer data to the Web app
- Wrote a framework within the AngularJS app handling caching, concurrency, and failure

## **.NET Developer**

July 2009 – July 2012

*Toolbox.com/ZiffDavis, Scottsdale AZ*

- Improved page load times of pages by more than 50% for an IT knowledge sharing Web site which regularly handles over 500,000 page views a day
- Identified and resolved issues with HTTP caching and compression to reduce page load times by more than 1 second globally
- Led development as scrum master over multiple development cycles to build ecommerce system including credit card processing and electronic fulfillment

## **Patents**

**“Systems and methods for enabling dialog amongst different participant groups with variable and association-based privacy”**

US Patents 10,581,788, 10,491,558, 10,257,151

- Participated in product design of a social media platform with a goal of solving problems with privacy and authenticity in messaging systems

## **Skills**

Python, Javascript / HTML5 / CSS3, C#, full stack web application architecture, React, Angular, Azure, AWS, Microsoft SQL Server, MySQL, REST APIs, memcached, distributed task queues (ActiveMQ, Celery), clustered application deployment, enterprise integration, application architecture and design patterns, Jenkins CI, CI/CD, Grunt, Maven, Git, Github, Splunk, Agile and Scaled Agile Framework development processes

## **Education**

**B.S. Computer Science,**

May 2009

*Ball State University*