Tony Helvey

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Skills

Technical team leadership, Python, Azure, Agile and Scaled Agile Framework development processes, Lean software development, AWS, HTML5 / Javascript / CSS3 rich web application experiences, enterprise integration, C#, application architecture and design patterns, build processes, distributed task queues (ActiveMQ, Celery)

Education

B.S. Computer Science,   May 2009
Ball State University

Work Experience

Staff Software Engineer   February 2018-Present
Blue Yonder, Scottsdale AZ

- Led a development team in building an enterprise integration solution for a new Blue Yonder product (Luminate Control Tower) from concept to pilot launch, scaling to 25+ global corporate clients, with millions of transactions daily

- Established team goals, metrics, and dashboards to track and share progress towards goals

- Conducted team scrum rituals, planning, communication to stakeholders

- Designed architecture and led initial Python development for Blue Yonder's next gen integration platform

- Deployed solution architecture on Azure Cloud deployments, working across teams in a cross-functional, DevOps mindset

Sr. Software Architect   May 2014-February 2018
Rushline, Scottsdale AZ

- Designed and built full stack architecture for a social media start up as the initial member of the engineering team

- Developed HTML5/Javascript/CSS3 web app using React, Backbone, and SCSS

- Built REST API in Python to provide and modify data to client apps using web.py and SQLAlchemy as an ORM with a MySQL database

- Implemented front-end build process using Grunt to compile React JSX with Babel, SCSS with Sass, minify and uglify code and package it for deployment

- Established and documented patterns and best practices to guide and direct team development

- Handled code reviews of team's code to ensure integrity and quality

Sr. Software Engineer   July 2012 – May-2014
WebFilings, Scottsdale AZ

- Developed an HTML5/JS app in AngularJS from conception to release 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

- Developed features using ASP.NET for a Web site which regularly handles over 500,000 page views a day

- Improved page load times of pages by more than 50%

- 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

.NET Developer   July 2007 – June 2009
Center for Media Design, Muncie, IN

- Led development of a data analysis and visualization application using ASP.NET that was required to run efficiently with data files containing over 2 million lines

- Designed and implemented algorithms using C# and SQL Server to reduce the number of queries required in data analysis application by 95%

Programmer/Technician   August 2004 - July 2007
Ball State University Libraries, Muncie, IN

- Assisted in research and development of numerous small web applications using PHP and ASP.NET

Patents	**"Systems and methods for enabling dialog amongst different participant groups with variable and association-based privacy"**	
	US Patent No. 10581788 - March 3, 2020	
	US Patent No. 10491558 - November 26, 2019	
	US Patent No. 10257151 - April 9, 2019	
Certifications	**Microsoft Certified: Azure Fundamentals**	February 2020
	Microsoft	