

# Steven Miracle

## Full-Stack Software Engineer

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## Experience

### Software Engineer @ Workday

Sep 2018 – Jun 2022 // Pleasanton, CA

- Led teams as a Scrum Master for Workday's content management site built with Docker, PHP and MySQL.
- Added new features including content audit tools, content archival, community user group operations.
- Delivered new user interfaces built with React for feedback and search.
- Wrote and optimized unit tests that reduced bugs and prevented downtime throughout the site.

### Software Engineer @ Tesla (formerly SolarCity)

Oct 2015 – Sep 2018 // Fremont, CA

- Built a utility bill calculator capable of predicting long-term customer electricity costs anywhere in the country, resulting in increased customer confidence and decreased risk of legal liability.
- Redesigned a monolithic pricing engine to improve solar pricing clarity, adapt to changing product requirements and improve automated test coverage while adhering to rigorous weekly deadlines.
- Constructed SQL queries that retrieved customer and reference data that led to efficient object-relational mappings.
- Diagnosed and resolved issues during live production releases that preserved thousands of dollars of revenue.

### Software Engineer @ Island Insurance

Jul 2014 – Oct 2015 // Honolulu, HI

- Developed a web portal using C# and stored procedures to retrieve customer data from over 20 insurance agencies.
- Programmed responsive interfaces that display data structures derived from databases, algorithms, and callbacks.

### Web Application Developer @ Ideas Health

Apr 2014 – Jul 2014 // Honolulu, HI

- Designed the front-end of an enterprise web application using the .NET MVC framework and JavaScript.
- Constructed interfaces using controls such as grids, graphs, drop-downs, and calendars with agile workflow.

### Instructional Technician @ Livermore School District

Oct 2011 – Dec 2012 // Livermore, CA

### Technical Writer @ FileMaker

Jan 2010 – Jul 2010 // Santa Clara, CA

### Technical Trainer / Writer @ Force10 Networks

Oct 2008 – Jun 2009 // San Jose, CA

## Skills

### Programming Languages

C#, JavaScript (ES6), TypeScript, CSS/Sass, SQL, Java, PHP, C++, Python, UNIX Shell, XML, Assembly

### Libraries & Frameworks

.NET Core, React, Node.js, Express, jQuery, Angular, Mocha, Jest, xUnit, NUnit

### Tools & Platforms

Git, JIRA, Unity, Postman, Heroku, Azure, Docker, Splunk, Swagger, Wordpress

### Development Environments

Visual Studio, Visual Studio Code, PhpStorm, CodeBlocks, Eclipse, SQL Server Management Studio

## Education

### University of the Pacific

Dec 2013 // Stockton, CA  
Master of Science, Computer Science

### University of the Pacific

May 2008 // Stockton, CA  
Bachelor of Science, Management Information Systems

## Projects

### Movie E-Commerce Template

Enterprise scale web application built with .NET, SQL, and Azure for online movie data management and DVD sales.

### Various Games

Sidescrollers, shooters, RPGs, bowling sims; clones of Tetris, Plants vs. Zombies, and Breakout among others. Built using C# and Unity.