Steven Miracle

Full-Stack Software Engineer

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Experience

Software Engineer @ Workday
Sep 2018 - Jun 2022 // Pleasanton, CA
- Served 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.