Steven Miracle

Full-Stack Software Engineer

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Experience

Software Engineer @ **Pixelberry Studios**
Sep 2022 – Present // Mountain View, CA
- Developed a cutting edge web application built with React, TypeScript, JavaScript, and AWS that drove customer experience and accessibility.
- Deployed webservice APIs with CI/CD scripts that improved modularity, reduced average site load times by seconds reduced bugs by 50%.
- Innovated new features using Redux and Node/Express RESTful APIs that resulted in widespread customer enthusiasm and engagement.
- Spearheaded the integration of Datadog web analytics with cloud-based systems and front end user interactions that led to better team decisions.

Software Engineer @ **Workday**
Sep 2018 – Jun 2022 // Pleasanton, CA
- Led teams as a Scrum Master, contributing to the agile development of Workday's SaaS community site using Docker, PHP, and MySQL.
- Collaborated with product managers and UX designers to produce a modern UI/UX using React that increased revenue and engagement.
- Enhanced site functionality and security with new features including content audit tools, archival, and community operations.
- Optimized unit and integration tests and included documentation, reducing bugs and preventing product downtime at release.

Software Engineer @ **Tesla (formerly SolarCity)**
Oct 2015 – Sep 2018 // Fremont, CA
- Refactored a solar pricing engine and brought it under a unit test harness, leading to improved reliability, scalability, and performance.
- Created a utility bill calculator to accurately predict customer electricity costs anywhere in the United States, boosting customer trust and minimizing legal risks.
- Crafted SQL queries for efficient data retrieval and object-relational mappings that optimized site load times.

Software Engineer @ **Island Insurance**
Jul 2014 – Oct 2015 // Honolulu, HI

Web Application Developer @ **Ideas Health**
Apr 2014 – Jul 2014 // Honolulu, HI

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
TypeScript, JavaScript, C#, SQL, PostgreSQL, Python, Java, PHP, C++, Unix / Linux Shell, CSS3, HTML5

Libraries & Frameworks
React, Redux, Node.js, Express, GraphQL, Prisma, .NET Core, Mocha, Jest, Bootstrap

Tools & Platforms
AWS, Docker, Azure, Heroku, Git, JIRA, Unity, Postman, Datadog, Splunk, Swagger, Figma, Cypress, Bitbucket, GitLab, GitHub, Npm/Yarn, Webpack

Development Environments
Visual Studio, Visual Studio Code, IntelliJ, PhpStorm, Eclipse, PyCharm

Education

University of the Pacific
Stockton, CA
Master of Science, Computer Science

University of the Pacific
Stockton, CA
Bachelor of Science, Management Information Systems

Personal Projects

Movie E-Commerce Template
Enterprise scale web application built with .NET MVC, SQL, and Azure.

Price Tracker App
React Native Android app to search and track 20,000+ marketplace products.

Prototypes & Experiments
Retail store apps, ticketing, persistent MongoDB notes, games, and more.