Steven Miracle

Full Stack Software Engineer

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Experience

Software Engineer @ Pixelberry Studios
Sep 2022 - Present // Mountain View, CA
- Pioneered a flagship web app built with React, TypeScript and AWS cloud services that brought in $8M - $60M in revenue per year.
- Developed Express and GraphQL APIs and rewrote CI/CD scripts that improved modularity and often reduced load times by 1+ second.
- Innovated new features such as user revenue visualization using libraries like Redux and Recharts, resulting in 10-40% more user retention.
- Spearheaded migration of a NoSQL graph database to a Postgres database using PostgreSQL scripts and Node.js endpoints.

Software Engineer @ Workday
Sep 2018 - Jun 2022 // Pleasanton, CA
- Collaborated with product managers and UX designers to produce an intuitive UI using React that increased revenue and engagement.
- Led teams as a Scrum Master, contributing to the agile development of Workday's community CMS using Docker, PHP, and MySQL.
- Enhanced site functionality and security with new features including content audit tools, archival, and community operations.
- Overhauled unit and integration tests and enriched documentation.

Software Engineer @ Tesla (formerly SolarCity)
Oct 2015 - Sep 2018 // Fremont, CA
- Created a utility bill calculator using .NET Core to accurately predict customer electricity costs anywhere, boosting customer trust and minimizing legal risks.
- Refactored a .NET solar pricing engine and bolstered unit and integration tests, leading to improved reliability, scalability, and performance.
- 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, CSS, HTML

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

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

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

Retail Shop Web App
Scalable retail store front-end with a shopping cart and eBay integration.

Prototypes
React Native Android app to search and track 20,000+ retail prices, movie store apps, ticketing systems, persistent MongoDB note-taking apps, and more.