Jonathan Yen

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FULL STACK SOFTWARE ENGINEER

Experienced full stack engineer with 15+ years of experience building scalable web applications in **agile, cloud-based, and DevOps environments.** Proficient in **JavaScript/TypeScript, React, Node.js, GraphQL,** and **AWS,** with a strong focus on **API design, CI/CD,** and **containerized architectures.** US Citizen (no sponsorship required)

SKILLS

Languages & Frameworks: JavaScript/Typescript, React, PHP, Python, Node.js, Ruby on Rails, CSS/SCSS, GraphQL, Apollo, Shell Scripting

Cloud & DevOps: AWS (S3, EBS, EC2, CloudFront, VPC), Docker, Kubernetes, Jenkins, CI/CD, Observability (Splunk, SignalFx), SonarQube, Bitbucket Pipelines, Bamboo, Github, Gitlab, Google Cloud Platform

Databases: Postgres, MySQL, Redis, Elasticsearch, SQLite

Methodologies & Tools: Agile, Git, Cursor, VSCode, Claude AI, Github Copilot, System Design, Test Automation (Playwright, Cypress, Selenium), Secure Coding Practices, Linux

PROFESSIONAL EXPERIENCE

Mercor - Senior Domain Expert (Software Developer)   **(November 2025-Current)**

React/TypeScript/Node.js/Next.js/GraphQL/PHP/Docker/Postgres expert
• *Provided subject matter expertise in software development for a top AI lab*
• *Architected and developed dozens of 0->1 projects, manually creating deliverables from scratch*
• *Developed data generation tooling to assist hundreds of experts*
• *Collaborated with reviewers to improve AI training data*

Atlassian – Frontend Software Engineer   **(August 2022-June 2025)**

React/Node.js/GraphQL Software Engineer in Central AI and Confluence teams
• *Modernized Confluence frontend package management, resulting in an 8.5x installation improvement*
• *Utilized observability tools such as Splunk and SignalFX for troubleshooting issues in production and staging environments*
• *Helped to deliver Rovo, the company's new flagship AI product, in record time by implementing core third-party connectors*
• *Led team of engineers to build a frontend autosuggestion component to improve search experience in Confluence*
• *Mentored and trained 5 junior engineers*
• *Taught best practices in using git to identify problematic code*
• *Second most prolific code contributor in an org of over 200 engineers in 2022 (before AI tooling was widely available)*

Medallia - Software Engineer   **(January 2020-August 2022)**

React/Node.js/GraphQL, PHP Software engineer
• *Developed web application for crowdsourcing innovation in React, Node.js and PHP*
• *Upgraded code infrastructure to latest version of PHP, built out REST and GraphQL APIs*
• *Set up observability infrastructure with Grafana and Loki*
• *Simplified multistep developer environment setup from several hours to 3 minutes using Docker compose*
• *Led workshop on debugging best practices in NodeJS and PHP*
• *Created Jenkins agent to manage continuous integration environment for testing and linting PHP codebase*
• *Served as security champion for project team: managed security vulnerabilities and enforced safe/secure code practices*

Cvent - Software Engineer II   **(January 2019-January 2020)**

Full stack Ruby on Rails/JavaScript developer
• *Developed new UI components and functionality for the event management platform and customer portal*
• *Created development environment setup script to help new developers set up their machines within 15 minutes*

Aspera, an IBM Company - Technical Consultant/Software Developer   **(July 2015-January 2019)**

Ruby on Rails development; Object-oriented JavaScript
• *Core Ruby on Rails developer for workflow automation software; provided JavaScript expertise for the team*
• *Worked on UI overhaul, improved usability of software through development of new features*
• *Migrated codebase from Subversion to Git*

Aspera, an IBM Company - Build & Release Engineer   **(July 2011 – June 2015)**

Systems & build maintenance; shell scripting; PHP web programming; cloud solutions
• *Created build dashboard tool to help monitor status of builds across dozens of Aspera products*
• *Developed cloud-based product offering of Aspera on Amazon Web Services (known as Aspera on Demand)*
• *Reduced the build process of Aspera On Demand offerings from 3 hours to 12 minutes (15x improvement)*

EDUCATION

University of California, Berkeley: Master of Information Management and Systems; May 2010

University of California, Berkeley: Bachelor of Arts, Computer Science & Cognitive Science (double major); December 2007