

Jonathan Yen

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SUMMARY

An industry veteran with full-stack programming experience as well as DevOps expertise. Proficient in Javascript/Typescript, React, and Node.js, Amazon Web Services, and implementation of REST and GraphQL APIs. Highly competent in Docker, Kubernetes and containerization principles. Quick learner and solid team player. US Citizen (no sponsorship required), based in Fairfax, VA, open to onsite positions in DC Metro region as well as fully remote work.

WORK AND RESEARCH EXPERIENCE

Atlassian – Fullstack 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*

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)*

Lithium Technologies - Sustaining Engineer (June 2010 – February 2011)

Code maintenance; JSP; Tapestry; JavaScript

- *Worked on bug fixes and assisted support team; implemented new features for message board product*

UC Berkeley - Teaching Assistant (January 2010 – June 2010)

Web architecture course; curriculum development; taught HTML, CSS, REST, transport protocols, etc.

- *Helped to teach class of 30 undergraduate students*
- *Assisted with curriculum development to teach fundamental web components (HTML, CSS, AJAX, etc.)*

SKILLS

JavaScript/Typescript, PHP, Python, Jenkins, Node.js, Playwright, Cypress, Shell Scripting, React, GraphQL, Apollo, CSS/SCSS, Bootstrap, Postgres, MySQL, Amazon Web Services (AWS), Docker, Kubernetes, Splunk, SignalFX, Ruby on Rails, Elasticsearch, XML, JSON

EDUCATION

University of California, Berkeley

Master of Information Management and Systems; May 2010

Bachelor of Arts, Computer Science & Cognitive Science (double major); December 2007