

Jonathan Yen

✉ jonyen@jonyen.com

☎ (510) 381-4176

🌐 jonyen.com

🐙 github.com/jonyen

🌐 linkedin.com/in/jonyen

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, 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

Atlassian – Full Stack 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)

Lithium Technologies - Sustaining Engineer

(June 2010 – February 2011)

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