Tyler Guillen

Software Engineer

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tylerguillen.com

Skills & Code

Builds web applications, APIs, and developer tools with Ruby, JavaScript, and related technologies. Values clean, extensible architecture backed by robust test suites. Experienced with frameworks like Rails, Hotwire, Sinatra, React, and Vue. Has a strong grasp of object-oriented design, system architecture, and relational databases. Proficient with Git, AWS, Docker, and CI tools. Proudly takes ownership of each project from inception to delivery and beyond.

Work

Lead Software Engineer - *Touch of Modern*
San Francisco, CA; January 2021 – Present

Design, implement, test, and maintain a robust built-in-house e-commerce and logistics platform using Ruby on Rails, Docker, MySQL, and Redis.

- Increase system stability and deployment confidence by building up test coverage and improving application design.
- Modernize a legacy DevOps platform by migrating infrastructure to AWS ECS, performing framework and software upgrades, and adopting standards for code quality and test coverage.
- Act as a technical lead on software architecture and infrastructure projects, working closely with product management and design teams to deliver both customer-facing features and internal tools.
- Provide mentorship for junior engineers.

Senior Software Engineer - *Touch of Modern*
San Francisco, CA; August 2018 – January 2021

Software Engineer - *Touch of Modern*
San Francisco, CA; August 2017 – August 2018

Software Engineer - *Tracebin*
Takoma Park, MD; March 2017 – July 2017

IT Coordinator / Web Developer - *Certified Contractors Network*
Takoma Park, MD; October 2015 – March 2017

Researched, implemented, and monitored IT solutions for a small business with both local and remote employees.

- Simplified administrative workflows by building custom tools to manage customer data using SQL, Ruby, and JavaScript.

Open Source

Subjective (WhitehawkVentures/subjective) — Abstractions for creating, validating, and exporting value objects. Provides a clean API for defining and extending schemas and fetching property metadata.

Emittance (aastronautss/emittance) — A flexible and extensible eventing library for Ruby. Adaptable for multiple back ends, including ActiveJob, Resque, Sidekiq, and RabbitMQ.

Education

Launch School - *Online*
Full Stack Web Development Curriculum, 2017

University of California, Santa Cruz - *Santa Cruz, CA*
Bachelor of Arts in Philosophy, 2015