



Scott Ries

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Profile

I am a collaborative and self-driven professional with over 6 years of experience, versed in software engineering from CSS to CI/CD. I think my work should add to the common good and be a pleasure to use, whether as an intuitive, accessible frontend for the end user, or as legible, well-tested code for fellow engineers. I enjoy bringing the inventions of designers to life as much as iterating on improving developer experience, and solving difficult technical problems in new domains as much as leveraging the benefits of well-established standards.

Experience

SOFTWARE ENGINEER III, TRUSS, SAN FRANCISCO, CA (REMOTE) 2022-2023

Gathered requirements, estimated LoE on a multimillion-dollar Department of Defense contract to help align team capacity with client expectations

Independently designed, implemented full stack features, to provide users in the 10,000s a seamless user experience for planning and administering relocation

Prototyped React UIs in Storybook from Figma comps to guarantee design standards

Connected Swagger, React Query, React Router to allow multiple independent environments to consume API data across use cases and user types

Validated complex forms with Yup, ensuring accurate, intuitive user input

Wrote handlers, service objects, models in Go to expose testable interfaces

Tested at the unit, integration, and end-to-end levels of the front- and back-end to prove application reliability and improve functional stability

Migrated 40,000+ critical records to route move request to accurate real-world locations

Produced video documentation to aid product manager in acceptance testing

Reviewed dozens of pull requests to follow good practices of legibility, maintainability

Strategized and implemented client and server bug reporting, CircleCI/Github integration, test factory architecture, and streamlined AWS log searching to improve product health

Created, edited documentation to promote engineering coherence, onboarding

Updated dependencies affecting over 40 engineers to protect against obsolescence

Strengthened client relations handling high-pressure on-call requests

Presented to 100+ government stakeholders to project company accountability

Evangelized, built tools, engineered fixes for 508/WCAG2.1AA compliance to improve accessibility for diverse users

Experimented with pairing strategy, growing team cohesion, collaboration by 20%

DEVELOPER, REFLEXIONS, NEW YORK, NY 2018-2022

Independently planned, strategized, implemented features, maintenance for 20 long-term clients, keeping costs low, feedback cycles tight, clients informed and empowered

Architected, managed system for Langeloth Foundation, integrating Craft, Vue, Salesforce to collect, organize, present applicant data, and distribute some \$4.5M in annual grants

Rebuilt Housing Works' intranet, bringing visually rich, user-friendly interfaces, daily inspiration, important updates to 1000 daily users

Engineered automated, editable Spanish translation on Housing Works Healthcare, doubling the population of underserved, uninsured who benefit from their services

Styled pixel-perfect templates in CSS, Tailwind, maximizing client flexibility, maintainability while respecting design integrity

Consolidated Governors Island's data structure, allowing efficient content management

Handled secure money transfer using Stripe, Authorize.net to streamline e-commerce

DEVELOPER, FAMILIAR STUDIO, NEW YORK, NY 2017-2018

Developed an image-generating application for the National Latina Institute using Processing.js, simplifying user engagement and brand identity

Education

**APP ACADEMY, NEW YORK, NY
2015**

**UNIVERSITY AT BUFFALO, BUFFALO, NY
MASTER OF FINE ARTS**

MEDIA STUDY, 2013

**UNIVERSITY OF UTAH, SALT LAKE CITY, UT
BACHELORS OF ARTS**

ENGLISH AND FILM STUDIES, 2005

Skills

**HTML | CSS | JAVASCRIPT | REACT | VUE
GO | PHP | NODE | PYTHON | RUBY ON RAILS
BASH | ZSH | DOCKER | GIT | GITHUB | CI/CD
TDD | JEST | PLAYWRIGHT | CYPRESS
MYSQL | POSTGRES | APEX (SALESFORCE)
AWS | GCP | OSX | WINDOWS | LINUX
PACKAGE MANAGEMENT | ACCESSIBILITY**