

Vincent Shuali

Full-Stack Software Engineer with 3+ years building production systems at scale

San Francisco, CA 434-466-2075 vincent.shuali@gmail.com [Portfolio](#) [LinkedIn](#) [Github](#)

SKILLS

- Languages: TypeScript, JavaScript, Python, Ruby, HTML 5, CSS 3, SQL
- Technologies: Node.js, React, NextJS, AWS, Vercel, PostgreSQL, TailwindCSS, Rails, RESTful APIs, Git, GCP
- Practices: TDD, Agile (Scrum), CI/CD pipelines, SOC2 compliance, Privacy & Data Security

PROFESSIONAL EXPERIENCE

Tort Experts | **JavaScript Engineer → Lead Software Engineer** February 2025 – Present

Tech Stack - Next.js, React, TypeScript, JavaScript, Playwright, Vitest, Python, FastAPI, Google Cloud (GCP), Pulumi

- Directed 3-engineer team in cross-functional front-end redesign, coordinating with product, design, and marketing to deliver a 24% increase in conversion rate
- Led execution and rollout of production websites serving 3 million annual visitors from a legacy CDN to Vercel, reducing alert noise by 50–70% and improving deployment stability.
- Drove reprioritization of page speed optimization over competing infrastructure initiatives by building the business case around conversion impact, resulting in 70% improvement in Largest Contentful Paint (8.0s → 2.4s) and 73% reduction in Total Blocking Time
- Maintained Python FastAPI backend as part of full-stack application tool that decreased average time to create lawsuit lander pages from 38 min to 6 min (factor of 6.3x)
- Redesigned and streamlined continuous integration system, decreasing deployment times by 70%.
- Implemented Sentry.io monitoring across the full stack, tuning production sampling rates to balance observability coverage against cost, and tripled unit and E2E test coverage
- Mentored and managed 2 junior engineers to most productive sprint cycle in only 2 months.

CommonLit | **Junior Software Engineer** June 2023 – September 2024

Tech Stack - React, JavaScript, TailwindCSS, AWS CloudFormation, Postgres, API integrations, Ruby on Rails

- Top performing among 10 non-senior engineers in past 6 months measured by PRs approved / deployed
- Built backend routing and controllers with Ruby on Rails for featuring library text collections, used by over 6 million users, tested with RSpec / Capybara for 100% system, API, and unit test coverage, delivered ahead of schedule
- Constructed and/or upgraded over 50 TypeScript StencilJS web components and React components using TailwindCSS and prototyped with Storybook, applying TDD with Vitest / Jest and Playwright across desktop/mobile
- Solved over 12 issues to protect PII and ensure SOC2 compliance related to privacy and data security
- Led cross-functional (product / engineering / design) drive to standardize pre-release QA procedures

Red Jester | **Software Engineer** January 2023 – May 2023

Technical Skills - Python, JavaScript, Node.js, CI/CD, AWS Lambda, Gatsby, GraphQL, TDD, Google Analytics

- Spearheaded Google Calendar API integration to automate customer-requested appointments from Shef.com API
- Built e-commerce website using Gatsby, React, and GraphQL, hosted on AWS (Cloudfront, Lambda, S3)
- Ensured 100% test coverage with Python's unittest and pytest, simulating AWS Lambda calls and API responses.
- Designed CI/CD pipeline with Concourse for deployment of both backend and frontend systems

Diablo Valley College | **Physics Professor** January 2020 – June 2022

- Designed and wrote clear, engaging, interactive student experiences in Desmos and Geogebra for math and physics with applications to computer science, resulting in high praise from students and faculty
- Instructed three courses (120% course load) in one semester, curriculum design, maintaining clear timelines, and detail orientation, and relieving the department of two faculty leaves of absence.

EDUCATION

University of Virginia - *Masters of Science - Physics*

University of Toronto - *Bachelor of Science - Mathematics and Physics*