

Christopher Wu

Los Angeles, CA wu.christophert@gmail.com linkedin.com/in/christophertwu
github.com/wakarana1

Summary

Senior full stack engineer with 8+ years building production web applications at startups and growth-stage companies. Backend-leaning with deep expertise in Ruby on Rails, Elixir, and PostgreSQL, and strong frontend skills in Vue.js and React. Experienced with AWS (S3, CloudFront, SES, EC2, RDS), Docker, and GitHub Actions CI/CD. Comfortable owning features end-to-end, from API design and data modeling to cloud deployment and production monitoring.

Experience

Software Engineer, Freelance

Feb 2026 to Present

Ruby · JavaScript · SQLite · HTML/CSS

- Improved sustained performance in a desktop telemetry app by tracing write amplification and capping history retention.
- Implemented an adoption and foster management system for a nonprofit, and rebuilt homepage sections to work around platform limitations.
- Delivered short-term Ruby and JavaScript engagements, including catalog tooling for a retailer and stabilizing a production web application.

Senior Software Engineer, BridgeCare

Jul 2023 to Jan 2026

Ruby on Rails · Vue 3 · Vuetify · PostgreSQL · Sidekiq · AWS · Docker · GitHub Actions · Datadog · Sentry

- Eliminated per-request engineering tickets for seat provisioning by building a self-service CSV bulk-upload tool with tenant-scoped validation, letting agencies create hundreds of placement seats themselves.
- Delivered the platform's configurable index view from proof of concept to production across four client portals, adding search, filtering, and column configuration used daily by specialists.
- Extended attendance logging to all provider accounts on mobile by building a breakpoint-driven Vue 3 layout, replacing a desktop-only workflow for on-site staff.
- Enabled agencies to verify continuity-of-care placements by building the verification workflow end to end: program settings, enrollment data model, and provider-facing status filters.
- Migrated 15+ parent- and specialist-facing modules from Vue 2 Options API to Vue 3 Composition API under a no-behavior-change constraint, extracting a reusable sequential-modal composable from the largest of them.

Software Engineer, CareerArc

Dec 2020 to Jan 2023

Ruby on Rails · React · MySQL · Redis · Sidekiq · AWS (S3, EC2, RDS, CloudWatch) · Capistrano · Sentry · Cypress · RSpec

- Built the Twitter and LinkedIn publishing clients, keeping both Twitter API v1 and v2 live behind a flag so the platform could switch versions without a deploy.
- Built the platform's end-to-end test suite from zero to 370 cases across 11 product areas, then optimized it to keep CI fast as the suite grew.
- Owned the release train for a Rails monolith and its dependent API gem, spanning production and three staging environments.

Full Stack Software Engineer, Blok Party

Aug 2020 to Dec 2020

Vue.js · Smart Contracts · Web3 / ABI

- Learned new technologies (Vue.js, smart contracts, ABI) to make immediate contributions in a fast-moving blockchain environment.
- Built internal web tools enabling the product team to test smart contracts directly, saving the engineering team ~10 hrs/week.

Back End Developer, Peek Travel

Aug 2018 to Mar 2020

Ruby on Rails · Elixir · GraphQL · RabbitMQ · Docker · PostgreSQL · Redis · Solr

- Ported core booking modules from Ruby into Phoenix contexts during a multi-year Elixir migration.
- Built the content- and promo-code sync RabbitMQ subscribers that kept the legacy Ruby and new Elixir systems aligned while both ran live.
- Built the definition layer of a promotions rules engine in Elixir: a shared module contract plus 12 self-casting rule types.
- Delivered partner-facing tooling including printable gift cards, LaTeX invoice generation, and GDPR erasure and export implemented separately in each system holding customer data.
- Built the partner-integration API behind a Groupon distribution deal end to end (data model, endpoints, request validation, and per-record error tracking), generating an initial 15% increase in sales.

Full Stack Web Developer, Beauty By Design

May 2018 to Aug 2018

Ruby on Rails · PostgreSQL · Resque · AWS S3 · Heroku · Stripe · Twilio · Shopify · Intercom · Mixpanel

- Shipped a new consultation-fee charge across seven surfaces, including Shopify order creation, the support dashboard, and the credit path, rewriting refund calculation to account for it.
- Refactored legacy codebase to improve stability and DRY principles; mentored a junior developer on API data access patterns.

Full Stack Web Developer, TrackR

Mar 2016 to Jan 2018

Ruby on Rails · PostgreSQL · Sidekiq · Redis · Heroku

- Built the checkout funnels for two product lines end to end (desktop and mobile frontends, payment integration, and order models), including A/B-tested product selection, promo-code validation, and Amazon Pay via a shared concern.
- Built customer lifecycle automation on delayed background jobs across two product lines, re-verifying each job's trigger condition at execution so converted customers were never re-contacted.
- Built a one-click post-purchase upsell feature, contributing to a 40% increase in online sales.
- Built a fraud-detection system to identify and block repeat bad actors at checkout.

Ruby on Rails Developer, rhubarb studios

Sep 2015 to Feb 2016

Ruby on Rails · PostgreSQL

- Built out new features including a WYSIWYG editor and image uploading capabilities.
- Implemented TDD practices, maintaining 95% test coverage throughout the project.

Technical Skills

- **Languages & Frameworks:** Ruby on Rails, Elixir, Vue.js, React, JavaScript, RESTful APIs, GraphQL
- **Databases & Queuing:** PostgreSQL, MySQL, Redis, RabbitMQ, Sidekiq, Resque
- **Cloud & Infra:** AWS (S3, CloudFront, SES, EC2, RDS), Docker, GitHub Actions, Capistrano
- **Observability & Testing:** Datadog, Sentry, RSpec, Cypress, Cucumber, Git

Education

B.S. Business Management and Human Resources, California State Polytechnic University, Pomona