

Bradley Taylor


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PROFILE

I'm a software engineer with extensive experience in the JavaScript and TypeScript ecosystems. I'm also proficient in Ruby and Go. I use my past experience as an educator to communicate ideas clearly and my basis in the fundamentals of software engineering to write clear maintainable code.

EXPERIENCE

Co-Creator, Software Engineer, SmoothSail  2023 – present | Remote

SmoothSail  is an open-source, self-hosted feature flag management tool. It enables developers to release features to targeted user groups to limit the impact of unforeseen bugs in production.

- Engineered a scalable, event-driven architecture consisting of a NodeJS API, React GUI, NodeJS SSE server, and NATS JetStream (message broker)
- Architected and implemented PostgreSQL database management service in NodeJS utilizing Sequelize to define models for feature flag data and flag rulesets
- Led the development of a responsive dashboard designed to streamline API interactions for users (React, TypeScript, React Query, TailwindCSS)
- Led the containerization of SmoothSail components using Docker for deployment efficiency
- Utilized NATS JetStream as a message broker in a publisher/subscriber pattern to ensure reliable communication
- Authored comprehensive technical case study, readable at smooth-sail.github.io/case-study 
- Collaborated remotely with a team of four engineers via daily standups and pair programming

Software Engineer, Self-employed 2021 – 2023 | Remote

Developed freelance and open-source applications including:

- *For Requests* - Tool for collecting and debugging webhooks and HTTP requests (TypeScript, DO Droplet, Nginx, MongoDB, Node.js, Express, React)
- *Personal Portfolio*: A personal portfolio site to showcase my projects (Next.js, React, Framer Motion, TailwindCSS)
- *Todos*: An application to manage todos with dynamic filtering (JavaScript, Handlebars, Node.js, SQLite3)
- *Music Lesson Planner*: A RESTful web application backed by PostgreSQL for managing and viewing music students and lesson schedules (Ruby, Sinatra, PostgreSQL, ERB)

Sub Section Cello, Las Vegas Philharmonic 2022 – 2023 | Las Vegas, NV

- Perform various genres of music as part of the cello section for different conductors and audiences

Elementary School Teacher, CCSD 2021 – 2023 | Las Vegas, NV

- Craft and present engaging lesson plans and activities for 20-30 students
- Evaluated and revised lesson plans and course content to facilitate and moderate classroom discussions and student centered learning

SKILLS

Backend

Node.js, Express, Ruby, Go, SQL, PostgreSQL, MongoDB, REST APIs

Frontend

JavaScript, TypeScript, Next.js, React, Handlebars, HTML/CSS, ERB

Cloud


Digital Ocean, Vercel, Heroku, Fly.io

Other

Git/GitHub, Docker, Linux, Bash, HTTP, WebSockets, Jest, OOP, Nginx, Postman

EDUCATION

Launch School 2021 – 2023 | Remote

Multi-year, mastery-based software engineering curriculum. Read more at launchschool.com/employers 

California State University, Fullerton

2018 – 2020 | Fullerton, CA

Cello Performance, Master of Music (3.8 GPA)