Bradley Taylor

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PROFILE

I'm a cellist turned full stack software engineer with extensive experience in the Java, Go, and TypeScript ecosystems. I'm also proficient in Python. I'm currently working on building and maintaining distributed microservices for Atlassian's Admin Experience team.

EXPERIENCE

Junior Software Engineer, *Atlassian (Admin Experience team)* ⧉   2025 – present

Software Engineer, *Qlik (Qlik Predict)* ⧉   2024 – 2025

Qlik is a software company that focuses on data analytics and business intelligence solutions. They offer tools to help businesses analyze, visualize, and make data-driven decisions.

- Maintained microservice architecture with an event-driven approach, utilizing **RabbitMQ** for interservice communication
- Designed and implemented internal tool for generating Qlik Sense scripts to be loaded into embedded apps for language translations (**TypeScript**)
- Integrated AutoML resources (deployments, predictions, models, exports, experiments) into the broader Qlik lineage so users can have a better understanding of the origin, evolution, and meaning of their data (**Go**)
- Implemented and managed feature flags across microservices to enable controlled feature rollout, improve testing, and streamline deployment processes (**LaunchDarkly**)
- Collaborated cross-functionally with several teams employing agile methodologies including sprint planning, stand-ups, and continuous delivery processes

Creator, Software Engineer, *SmoothSail* ⧉   2023 – 2024

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 for delivering real-time feature flag data consisting of a React admin dashboard, NATS JetStream (message broker), multiple Express application servers, software development kit (SDK), and a Postgres database
- Architected database schema and database management service API for feature flag data, flag rulesets, and SDK keys (**Express**, **Sequelize**, **PostgreSQL**)
- Orchestrated the authentication process for SmoothSail SDKs by leveraging the native Node.js Crypto module for SDK key encryption
- Utilized a message broker in a publisher/subscriber pattern to address problems with unreliable HTTP connections (**NATS JetStream**)
- Led the development of a responsive dashboard designed to streamline API interactions for users (**React**, **TypeScript**, **React Query**, **TailwindCSS**, **Tailwind UI**)
- Authored comprehensive technical case study, readable at smooth-sail.github.io/case-study ⧉

SKILLS

Languages — Java, Go, TypeScript, JavaScript, Python, Ruby

Frameworks/Tools — Spring Boot, Node.js, Express, NATS, RabbitMQ, Docker, Kubernetes, REST APIs, GraphQL, AWS, Grafana, Argo CD, React, Next.js, TailwindCSS, TanStack Query, Git, GitHub, Linux, Bash, Jest

Databases — PostgreSQL, MongoDB, SQLite, DynamoDB

EDUCATION

Launch School   2021 – 2023
Multi-year, mastery-based software engineering curriculum. Read more at launchschool.com/employers ⧉

California State University, Fullerton   2018 – 2020
Cello Performance, Master of Music (3.8 GPA)