
JASMIN M TROTTER

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PROFILE

Software engineer skilled in communication with business and technical partners.
Highly adaptable, passionate about learning, deeply committed to delivering results in a fast-paced environment.
Experienced and personable collaborator in an Agile team environment.

CORE PROFICIENCIES

Programming Languages:	Technologies:	Tools:
JavaScript, TypeScript, Golang, Swift	NodeJS, Express, REST API, HTML, CSS, SASS, JSON, XML, React, Redux, jQuery, Kafka, Kubernetes, AWS, Jenkins CI/CD, MongoDB, Prometheus, Grafana, New Relic, Webpack, Node Package Manager, Cocoapods, Material UI, AG Grid, Bootstrap	Visual Studio Code IDE, IntelliJ IDE, Xcode IDE, Vim, Git Version Control, SourceTree, GitHub, BitBucket, Command line terminal

EXPERIENCE

SOFTWARE ENGINEER, NIKE (THROUGH KFORCE); BEAVERTON, OR | MAR 2019 - PRESENT

As engineer on Data Capture Instrumentation team, I enable analytics data across Nike's digital experiences to increase data-driven decision-making across the Nike ecosystem.

- Implement new features in **Golang** microservice application to support multiple Nike digital products, to transform data coming in through **Kafka** from **JSON** to **XML** for downstream data consumer
- Contribute to repository for configuring **Kubernetes** on **AWS** account infrastructure for containerized microservice deployments
- Implement new features in **Golang** in Event Registry Server, a documentation platform leveraged for validation and data consistency
- Fix bugs in user interfaces using Golang **HTML** templates, **CSS**, and **jQuery**, to provide correct functionality and display of data for stakeholders
- Develop iOS **Cocoapod** client library, written in **Swift** and compatible with existing client softwares, for mobile analytics data collection
- Identify and remove blocks to data parity between legacy systems and new server-to-server implementations, ensuring rich data quality and accuracy
- Analyze and document how data moves between Nike's and third-parties' ecosystems, to ensure consumer data privacy compliance
- Implement new features in digital marketing script, written in **TypeScript**, built with **Webpack**, and deployed with **Jenkins** pipeline, to provide analytics data collection and bespoke solutions for payload transformation according to varying marketing partner requirements
- Retrieve data points via **Redux** state selectors in nike.com **React** codebases to send to digital marketing script
- Implement performance monitoring and error reporting using **New Relic**, and **Prometheus** with **Grafana**, providing visibility into services running in production; Solve production issues as they arise

Key Achievements

- ★ Increased test coverage from 22.5 to 87%, with automated coverage threshold in Continuous Integration
- ★ Fully unlocked marketing channel attribution reporting for mobile apps (Nike+, SNKRS, Nike Run Club, Nike Training Club), which enables Nike to understand return on investment for marketing efforts at a granular level.

FRONTEND DEVELOPER, RENAISSANCE SYSTEMS; CAMAS, WA | NOV 2018 - MAR 2019

I contributed to an enterprise application for businesses and governmental officials to track cannabis plants from seed to product.

- Create a dynamic user interface using **React** with **Redux** to update application state upon form submission and display table filtering
- Implement mobile-responsive styling with **Bootstrap**, **Material UI**, **CSS**, and **SASS** from mockups to provide a uniform appearance across the site
- Write functions in **JavaScript** to manipulate data coming in from requests to server and populate user interface display tables using **AG Grid** library

OWNER, WEB DEVELOPER, BALLET BODY BY JASMIN; PORTLAND, OR | MAR 2018 - FEB 2020

*I built **Student Portal**, a full stack application for my ballet students to purchase classes and view a history of their purchases on their account. A live production version of this app was used by real-life customers.*

Demo app ➡ <https://student-portal-balletbody.herokuapp.com/>
use card # 4242 4242 4242 to test cc processing functionality

Client-side Repo ➡ <https://github.com/JasminTrotter/student-portal-client>

Server-side Repo ➡ <https://github.com/JasminTrotter/student-portal-api>

Technologies used:

Express framework with **NodeJS** to build **REST API**, **MongoDB** to persist user account data, **Stripe API** for credit card processing, **React**, **Redux**, **HTML**, **CSS**, **Mocha** test framework

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY – B.A. INTERDISCIPLINARY STUDIES, 2015

THINKFUL – FULL STACK JAVASCRIPT WEB DEVELOPMENT, 2018

VOLUNTEER

MENTOR, PDX WOMEN IN TECH; PORTLAND, OR | JAN 2021 - PRESENT

Provide technical guidance for women pursuing career in software development.