

Skills Highlight

- ES6 JavaScript, Node.JS, NPM
- GitHub Microservices, Confluent Kafka
- MongoDB, Google Cloud Platform, BigQuery
- Critical thinking, problem solving, logical
- Excellent verbal and written communication
- Professionalism, multi-tasker, autonomous

Development Experience

Senior Software Engineer II, Boom Entertainment

Apr 2023 to Present

- Increased user base of Boom's proprietary app by 1.6 million people in a migration from NBC's Predictor App. This required creating new MongoDB collections and Kafka events, as well as integrating configurations and a custom script that matched the data structure of the target database and decreased migration time from several days to a few hours.
- Replaced inefficient google sheet calculations with event tracking and backfilled events with BigQuery Node client in collaboration with the business analytics team to analyze customer acquisition costs and lifetime value for the users of the Daily Fantasy Sports app, saving hundreds of dev hours per month.

Software Engineer II, Boom Entertainment

Apr 2021 to Apr 2023

- Wrote a backend microservice that handles cash and points transactions for withdrawals and payments to Boom's Daily Fantasy Sports app, which collected over \$100,000 in entries in one day just 4 months after launch.
- Launched new JSON event tracking to support 1 million active monthly users shared by multiple free-to-play apps in order to reduce costs and streamline Boom's use of Confluent Kafka.
- Developed an interactive ranking system for over 500k users by creating the backend of a new leaderboard feature, which drove the Tim Horton's Hockey Challenge 2021-22 NHL season release.
- Released an improved version of *Chirp*, a fantasy golf app that follows the PGA Tour by fixing dozens of frontend bugs and adding features critical to game play.

Jr Software Engineer, Trifecta Clinical

Sept 2019 to Apr 2021

- Improved customer satisfaction for a \$23 billion pharma client by conceiving new features and patching deprecated code for the mobile version of the company's software.
- Convinced management to rescue a critical mobile project and triple our team size by demonstrating coding ability, a history of meeting SDLC deadlines, and a successful overhaul of the app's UX and responsiveness.
- Decreased processing time for healthcare workers' COVID-19 training documentation by 97% by building hundreds of digital, weekly reports using PHP and SMTP for mobile and mini web sites.

Awards & Milestones

- With Boom's partnership, the average Hockey Challenge app engagement increased by 92%.
- Boom Entertainment was awarded Employer of the Year for eGaming Review (EGR) in 2022.
- Boom's Daily Fantasy Sports app collected over 5,000 entries in one day, just 4 months after launch.

Education, Etc.

CSU Hayward, **Bachelor of Arts Degree**, Summa Cum Laude

San Francisco State University, **Certificate in Technical and Professional Writing**

Patten University, **Mathematics Teaching Credential**

Tenured Mathematics Teacher, Castro Valley High School

Technical Writer & Copyeditor, Various Freelance Roles

Other Tech Stack Tools

Agile · Android Studio · Apollo · AppStoreConnect API · Bash Scripting · BigQuery · BitBucket · CI/CD Continuous Integration and Delivery · Cloud Functions · Confluence · CSS · Docker · Expo · Google Analytics · Google Play Store · Grafana · GraphQL · HTML · Jest Unit Testing · Jira · Kubernetes · OO Object Oriented Languages · Open Source · PayPal developer · PHP · Postman · Prometheus · React Hooks · React Native · Redis · REST APIs · Saas · Scrum · SQL · Slack · TDD Test Driven Development · TypeScript · UX & UI · Xcode · Zoom