

Christy Welsh

<https://christycakes.github.io> · <https://www.linkedin.com/in/christywelsh>

- Node, JavaScript, Python
- GitHub Microservices, GCP
- MongoDB, BigQuery SQL
- Critical thinking, problem solving multi-tasker
- Excellent verbal and written communication
- Professional, collaborative, autonomous

Software Engineer, Boom Entertainment; April 2021 to present

- 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.
- Helped Boom free-to-play apps reach 1 million active monthly users by launching a new JSON event tracking system that also reduced costs and streamlined the company's use of Confluent Kafka.
- Provided support for dozens of new contests and increased game efficiency by writing infrastructure code, backend microservices code, fixing frontend bugs, and adding player stats from Sportradar, a 3rd party live streamed data source.
- Increased user base of Boom's proprietary app by 1.6 million people by managing a migration. 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.
- Saved the company hundreds of thousands of dollars in a few months by creating data pipelines in Apache Airflow that produced automated, hourly Tableau charts to the business analytics team and CFO that aggregated data of active user retention, entry counts, percent user engagement, cash balances, etc.
- Saved the sports division countless dollars in entry and deposit fraud by automating slack alerts using Google Cloud functions and Kafka event tracking.

Software Engineer, WCG Trifecta Clinical; Jan 2020 to April 2021

- Increased the number of mobile users by leading a team of mobile engineers, collaborating with a cross functional agile team, and preparing and delivering iOS and Android builds to the Apple & Google Play stores.
- Improved customer satisfaction for a \$23 billion pharma client by developing new features and rewriting outdated code for the mobile version of the company's software.
- Convinced management to rescue a critical mobile project by demonstrating coding ability, a history of meeting SDLC deadlines, and a successful overhaul of the app's UX and responsiveness.
- Improved UX and overall app functionality by adding new features, writing REST APIs, squashing bugs, and updating deprecated code using React Native, Android Studio, Xcode, PHP, and SQL.

CSU Hayward, **Bachelor's Degree**, Summa Cum Laude

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

Patten University, **Mathematics Teaching Credential**

Tenured Mathematics Teacher, Castro Valley High School

Technical Writer & Copyeditor, Various Freelance Roles

Other Tech: Bash Scripting · CI/CD Continuous Integration and Delivery · ChatGPT · CSS · Dataflow · Docker · Fullstack · Google Analytics · HTML · Jest Unit Testing · Kubernetes · OOO · Open Source · Postman · React Native · Redis · TDD Test Driven Development · Typescript · UX & UI