

SENIOR SOFTWARE ENGINEER

2021 - Present

Intuit (Mountain View, CA; Remote)*Full Stack Engineer on the QuickBooks Capital team engineering a lending platform to drive rapid product development for new financing products for small business owners and their employees.*

- Architected and implemented the Outbox Pattern for a scalable and resilient service-to-service message bus utilizing integrations built on top of Apache Kafka
- Implemented the first real-time financing decision experience in QuickBooks which led to a 75% increase in customer acceptance after receiving approval of their loan application
- Contributed to and constructed new React widgets for frontend verticals to leverage autonomous deployments, driving fast iterations for new product launches and experiments
- Introduced Jest Testing Framework to the frontend repositories to simplify and reduce the time it takes to write and run unit tests

FULL-STACK SOFTWARE ENGINEER

2019 - 2020

Nordstrom (Seattle, WA)*Full Stack Engineer on the Customer Account Management team building scalable web apps handling customer authentication for Nordstrom.com and brands under the Nordstrom umbrella.*

- Designed and implemented a solution to conduct a database migration of 60+ million records from MySQL to DynamoDB with zero service downtime using AWS S3 and Lambda
- Redesigned, developed, and owned an internal tool that decreased on-call engineering hours spent on customer support from 40+ hrs a week to less than 4 hrs a week
- Contributed to design and construction for an identity provider service in Java Spring Boot following RESTful API guidelines for over 20 million customers capable of handling loads up to 350 requests per second
- Drove and collaborated with multiple engineering teams to introduce a change to service-to-service calls that resulted in reducing latency by 35% when a customer signs in

FRONTEND SOFTWARE ENGINEER

2018 - 2019

Focal Video (Seattle, WA)*Frontend development of a multi-angle synchronous video platform for content creators.*

- Developed a web console for uploading video files using React-Redux and Material UI
- Leveraged GraphQL APIs using Apollo Client
- Collaborated with Product and co-founders to design and implement the customer facing UI/UX
- Delivered and launched MVP for a live beta program

PRODUCT ENGINEER

2017 - 2019

Talking Rain Beverage Company (Seattle, WA)*Focused on ideation and technical development for new beverages to bring to market*

- Iterated on product concepts by analyzing consumer data, developing launch timelines, collecting feedback from test markets, and translated results to the R&D team
- Streamlined cross-functional efficiencies between Supply Chain, R&D, Brand, and Contract Manufacturers by creating a clear and concise workflow that reduced erroneous trial and production runs by 70%
- Aligned internal technical teams to validate technical feasibility of new products and delivered proof of concepts to the executive leadership team

EDUCATIONSoftware Engineering Immersive - Flatiron School
BSc Biomedical Engineering - Boston University**LANGUAGES + FRAMEWORKS**Java + Java Spring Boot, JUnit Jupiter, Mockito
JavaScript + React JS, Redux, Apollo Client, Jest
Golang, Python, Protocol BufferRuby + Ruby on Rails
HTML5/CSS3 + Sass**TOOLS + DEVOPS**AWS S3, Lambda, CloudFormation, DynamoDB
GitLab, GitHub, BitBucket, Jenkins
JIRA, Atlassian Suite
Figma, StorybookSQLite3, PostgreSQL, MySQL
Kubernetes, Docker
DataDog, New Relic, Splunk
Apigee, Akamai, Forter