

Work Experience

Software Engineer 4

TV Player

Netflix

Los Gatos, CA

November 2023 - Present

- Increased test coverage for player functionalities related to the Video Player API.
- Maintained dashboards displaying releases and test status, to ensure effective evaluation of builds.

Software Engineer

Mobile, Backend

Salesforce (Tableau)

San Francisco, CA

March 2022 - November 2023

- Streamlined sign-in process for unauthenticated users deep linking into Tableau Mobile using React Native, increasing the volume of deep links.
- Implemented Microsoft Edge browser authentication on Tableau Mobile, which added support for Microsoft Intune's Conditional Access using React Native, Swift (iOS) and Kotlin (Android).
- Crafted a Slack notification for Tableau Pulse Digest with Java and Spring, prompting users to link their Slack app to their Tableau Account and utilizing gRPC to verify Slack-To-Tableau site connections.
- Contributed to Tableau Pulse Digests for Email, using Go to fetch metrics via gRPC, and using MJML to display key metrics information.
- Designed telemetry for precise feature usage tracking, enabling advanced insights into customer behavior.
- Fostered cross-functional collaboration with product managers and designers for feature prioritization and clarifying requirements.
- Implemented end-to-end and unit testing for Tableau Mobile using Jest (React Native), XCUITest (iOS), and Espresso (Android), and for Tableau Pulse, Ginkgo (Go), JUnit and Mockito (Java).
- Utilized monitoring tools like BugSnag and Splunk for effective diagnosis and resolution of system/application issues.

Software Developer II

Toolkit, React Native

Warner Bros. Discovery (acquired You.i TV in 2021)

Ottawa, ON (Canada)

March 2019 - February 2022

- Integrated a C++ cross-platform development toolkit which optimizes video streaming application development with React Native to boost developer adoption.
- Oversaw the design and delivery of a customizable tvOS keyboard in Objective-C that was made available as a React Native library.
- Collaborated on a tvOS UI Design for a TV Player with UIKit and Swift, aligning closely with specifications on Figma and Adobe After Effects.
- Automated testing via Jest and GTest. Maintained the internal React Native application used for regression testing.
- Maintained Jenkins pipelines and fixed time-critical CI/CD issues.

Education

Bachelor's Degree in Computer Science, Carleton University

2015–2019

CGPA: 3.7/4.0

Technologies and Languages

Languages: TypeScript, JavaScript, HTML, CSS, Go

Frameworks/Libraries: React Native, React, Redux, Jest

Tools & Technologies: Visual Studio Code, Node.js, XCode, Splunk, BugSnag, Jenkins