SOFWARE DEVELOPER

Ryan Daley

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PROFILE

- Highly skilled software developer with over 10 years of experience in development, automation, and quality assurance.
- Experience with leading companies such as Apple, Shopify, Bell Media, Kobo, and Research In Motion, delivering innovative and user-friendly solutions across various platforms and domains.
- I enjoy traveling, playing guitar, and curating random collections of semi-related objects when AFK.

EXPERIENCE

DEVELOPER, SHOPIFY: TORONTO, ON | 2022 - 2023

- Member of the Core-Optimize-Analyze team at Shopify which is responsible for Analytics and Reports for Shopify Merchants.
- Delivered features include:
  - Customer Cohort Report - allows merchants to view customer / sales data using cohort data and visualization.
  - Merchant Benchmarks - allows merchants to compare their shop to similar shops based on store size, location, products, etc.
- **Technologies**: React, Typescript, GraphQL, Sass, Ruby on Rails, Storybook.js, Polaris.

MOBILE APPLICATION DEVELOPER, BELL MEDIA: TORONTO, ON | 2018-2022

- Creator and lead developer for all Chromecast development, consulting developer for all externally developed video apps, and creator of the content validation tool for Crave, CTV, and Noovo.
- Chromecast project achieved viewership in the hundreds of millions of minutes watched per month (x00,000,000), and ad revenue in the millions of dollars per month ($x,000,000).
- Content validation tool verified the availability of more than 50,000 items several times a day, and confirmed the appearance and removal of the delta items on the quarter hour.
- **Technologies**: JavaScript, Python, SQLite, GraphQL, AJAX, JSON, HTML, CSS, npm, node.js, JIRA, git, Charles Proxy, Akamai Identity Services (AIS), CSG Ascendon, JWT.

FULL STACK DEVELOPER, BELL MEDIA: TORONTO, ON | 2017-2018

- Supported (now legacy) CraveTV and web authentication.
- Responsibilities included creating the web authentication for TSN & RDS direct to consumer (D2C), integration and deployment of builds/web components to various server environments, and assisting external development agencies in integrating services and platforms.
- **Technologies**: JavaScript, AJAX, JSON, HTML, CSS, node.js, JIRA, git, Charles Proxy.

AUTOMATION LEAD - IN-CAR EXPERIENCE, APPLE INC.: CUPERTINO, CA | 2013-2017

- Architected, implemented, and maintained an automated test system to validate daily iOS builds for CarPlay.
- System used robotics to validate hardware-software interactions, simulated a suite of standardized CarPlay activities, and filed tickets (Radars) if crashes, hangs, or memory leaks were found.
- **Technologies**: Python, Ruby, UIA2 (JavaScript), shell scripting, HTML, CSS, Arduino, Raspberry Pi.

SQA ENGINEER - ACCESSORIES QA, APPLE INC.: CUPERTINO, CA | 2012-2013

- Responsible for testing iPod / iPhone / iPad integration (wired and wireless) with automotive head units.
- Duties included: writing test plans, executing tests, regressing, isolating and reporting issues found during testing.
- **Technologies**: Ruby, shell scripting.

EDUCATION

- **The University of British Columbia** – BCS: Computer Science
- **The University of Guelph** – BSc: Biology

COURSES AND CERTIFICATES

- **Harvard University**, edx.org: *CS50 Cybersecurity* (In-Progress)
- **Epic Web**, epicweb.dev: *Epic Web* (In-Progress)
- **Lighthouse Labs**, Toronto, ON, Canada: *Bootcamp Web Development*
- **Epic React**, epicreact.dev: *Epic React*
- **Wes Boss**, advancedreact.com: *Fullstack Advanced React and GraphQL*
- **University of Toronto**, Toronto, ON, Canada: *SCS 3253 - Machine Learning*
- **Stanford University**, Stanford, CA, USA: *DSN 102 - Design Execution: Bringing Ideas to Life*
- **Stanford University**, Stanford, CA, USA: *DSN 101 - Ideation: The History and Theory of Design*