

Jonathan Almeida

Kotlin ★ Android ★ Python ★ Erlang

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GITHUB PROJECTS

- **mozilla-mobile/firefox-android**
 - Firefox for Android mobile web browser built with Android Components.
- **mozilla-mobile/android-components**
 - A collection of Android libraries to build browsers or browser-like applications.
- **jonalmeida/ws**
 - A WebSocket client library written in Erlang.

PROFESSIONAL EXPERIENCE

Jan. 2023 - **Staff Software Engineer, Mozilla**, Toronto, Ontario.

Present

- Continued contributions to Mozilla projects: Android Components, Firefox for Android, and Reference Browser.
- Helped grow the Android engineering team to three times its original size.
- Worked with many platform teams to design new APIs for the mobile browsers.
- Prioritized work with product managers that were engineering-driven and user feedback-based.

Aug. 2018 - **Senior Software Engineer, Mozilla**, Toronto, Ontario.

Jan. 2023

- Contributed to Mozilla projects: Android Components, Firefox for Android, Firefox Focus, and Reference Browser.
- Contributed to the GeckoView project and feature designs.
- Providing technical design, mentorship and support for the team and new hires.
- Push notification support/integration: Send Tabs (to device), WebPush, etc.
- Custom Tabs API parity & support.

June. 2017 - **Software Engineer, Jet.com**, Hoboken, NJ.

Jul. 2018

- Released various features on par with other clients (Web/iOS) using our Jet API: referral program, pricing logic, etc.
- Migration of all the application's modules to Dagger 2 dependency injection; 30% app speed up.
- Kept consistent and exceptional user experience (**highest rated e-commerce app** in the Google Play Store).
- Miscellaneous tasks: Team/release management, feature roll-out, new-hire/intern mentoring.

May. 2016 - **Firefox Mobile Intern, Mozilla**, San Francisco, California.

Aug. 2016

- Designed and created a tab grouping app ([demo](#)) for prototyping using machine learning.
- Developed custom layouts for the homes screen in Firefox for Android to show user activity ([image](#)).
- Helped organize and attended a Design Sprint for location-based prototyping.

June. 2015 - **Firefox Mobile Intern, Mozilla**, San Francisco, California.

Sept. 2015

- "Click-to-view images" in Firefox for Android to reduce bandwidth usages ([onboarding image](#)).
- Setup a remote device farm for accessing un-used devices for a team spread across multiple offices.
- Converting Quick Search ListView for more performant RecyclerView.

May. 2014 - **Software Engineer, Snowplow Analytics Ltd**, (Remote).

Aug. 2014

- Created and modularized the Java event tracker; released multiple version updates.
- Released the iOS and Android trackers, inheriting from the Java core library.
- Managed and prioritized feature release schedules on GitHub; CI integration, etc.

May. 2013 - **Software Developer, BlackBerry Ltd**, Mississauga, Ontario.

Dec. 2013

- Single-handedly developed the Notification Settings in Qt (not usually reserved for interns).
- Worked with QA and product teams to re-architecture to the new Settings UI requirements.
- Implemented deep linking for third-party applications to link to their Settings UI.
- Created a Jenkins automation build machine to run with Google Test test cases for it.

May. 2012 - **Software Test Developer, BlackBerry Ltd**, Waterloo, Ontario.

Dec. 2012

- Primary support for the remote QA team with issues they would encounter during their testing.
- Investigation and verification of issues seen at the infrastructure level of development.
- Mentored junior co-ops on a daily basis with all the above mentioned tasks.
- Received an employee recognition award for working in multiple war rooms with other teams.

EDUCATION & TECHNICAL SKILLS

- **Bachelors of Science, Computer Science**, University of Windsor
- **Programming Languages**: Kotlin, Java, Erlang, Python, Javascript, Rust, Bash
- **Frameworks & Other**: Firebase, SQLite