

ALEXANDER CURRAN

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EXPERIENCE

Principle Engineer, Freetrade — October 2019-present

- › Principle Engineer on the Discover and Insights team.
- › Helped to deliver multiple projects including SIPP, Plus subscriptions, and fractional trading.
- › Technical lead for frontend of the SIPPs project, managing stakeholders and project progression.
- › Creating a strategy for mobile in the company, training backend-focused engineers in mobile.

Technical Lead/Principle Engineer, Novoda — March 2016-October 2019

Software Craftsman, Novoda — March 2015-present

- › Technical Lead & Principle Engineer for iOS, Android, and dual-platform projects with clients including ImmobilienScout24, AutoScout24, myBlu, and Oetker Digital.
- › Responsible for promoting multi-platform development in the company, including a fully multi-platform project delivered, and assisting multiple developers to become proficient in other platforms.
- › Trained client and company developers to practise clean code, testing, and refactoring.
- › Line manager for up to 6 developers, responsible for performance reviews and goal setting.
- › Mentored junior members of the team and the company to forward their careers.

Software Engineer, BBC — July 2014-March 2015

Junior Software Engineer, BBC — Aug 2013-July 2014

- › Worked on the Mobile Core Engineering team (included working with mobile iPlayer and iPlayer Radio).
- › Delivered Chromecast for BBC iPlayer and BBC Sport in collaboration with Google.
- › Worked multi-platform on iOS and Android in an agile environment.

Developer (self-employed) — 2009-present

- › Android and iOS app developer; mostly scientific or developer-focused apps.
- › Current project is a dual-platform app to make regularly giving to charity easier.
- › Active open-source projects available on [Github](https://github.com), apps on [Google Play](https://play.google.com).

SKILLS AND TECHNICAL INTERESTS

- › Excellent knowledge of Java, Objective-C, Swift, and Kotlin.
- › Proficient with many third party technologies (e.g. Firebase), A/B testing mechanisms and theory
- › Good knowledge of TypeScript; working knowledge of Javascript, React, Node.js, and Flutter.
- › 11 years experience of Android development; 8 years of iOS.
- › 8 years experience with software best practices & TDD; confident with unit testing and integration testing.
- › Knowledge of functional programming and its applications in Reactive Extensions on Java and Swift.
- › Keen interest in unified mobile development, including code transpilation and mixed platform pairing.
- › Advocate for agile practices, having done courses on agile, run retrospectives, and facilitated sprint ceremonies. Some experience in business analysis, project management and planning, and ensuring a good development workflow.

- › Responsible for client relations as part of the team, including stakeholder management and ensuring the development team has all they require to deliver a high-quality product.

EDUCATION

University of Oxford — 2009-2013

- › First Class degree, Chemistry (Masters), Masters year on computational chemical analysis.

The College of Richard Collyer — 2007-2009

ACTIVITIES

Presentations and demos

- › Enjoy talking about code craftsmanship, including talks at meet-ups and conferences (including Swift.berlin, Droidcon Paris). Ran the tutorial session “Spring cleaning your app” at [RWDevCon 2018](#).
- › Frequently present internal presentations and run internal katas about clean code topics and new technologies. Keen blogger around code smells and refactoring.

Recreational activities

- › Keen cook and baker, goal is to learn to make various types of bread.
- › Attending live music and festivals, particularly around indie or folk music.
- › Interested in arts and crafts, such as pottery, soap-making, and calligraphy.