

Harry Bartlam

Senior Android Developer

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CAREER OBJECTIVE

I am an accomplished senior Android developer and architect with extensive experience in building, integrating, testing, and supporting Android apps. I am looking to secure a position in a company that works to build high quality apps with innovative solutions.

EXPERIENCE

Sainsbury's, London —Senior Android Engineer

OCT 2020 – PRESENT

Here I maintain and build the main Sainsbury's groceries app. When starting my role here, I transformed the core architecture of the app, rebuilding many of its core elements and features. I planned out the project technical debt and future technical roadmap and led and implemented modularization, clean architecture, atomic design and modern Jetpack frameworks like Navigation Component, Data Storage.

I've worked on a number of areas of the app including completely rebuilding Authentication with OAuth services, delivery slot functionality, Nectar offers, new checkout, substitutions Etc.

I mentored others in my team, taking a leading role in developing our internal processes and technical implementations.

Mediabrand UK (TFL), Remote —Android Consultant

AUG 2020 – OCT 2020

A short-term contract role working with third a party company (SEA) to support a TFL project for parking enforcement "PES".

In this role I supported handing over the existing project by maintaining, correcting and updating the project, consulting on pen tests and training other developers in Android Development by designing and delivering a training program (including workshops, presentations and documentation).

Huma, London — Senior Android Developer

SEPT 2019 – JUNE 2020

A medical company building mobile solutions for monitoring and capturing a user's health metrics. Here, I worked on a number of internal and external projects, working independently, directly with clients and in larger cross functional teams building core projects.

The solutions I built were data driven, implemented clean architecture and had a large number of modules for different features, including technical implementations

SKILLS

Android

Java and Kotlin

Dagger 2, Koin, OkHTTP, Retrofit, Apollo, RxJava, Coroutines, Room and other Jetpack Components

Junit, Mockito, Robolectric, Espresso

Google Play deployment (Inc beta and alpha)

CI: Jenkins, Bitrise, Github Actions

MVP, MVVM, MVI, Clean Architecture

General

Mac/Windows/Linux

Agile, Kanban, Sprint, Waterfall projects

Git, Jira, Confluence, Azure DevOps (VSTS)

JavaScript, Node, Handlebars, AWS Lambda, Dart (Flutter) and Rust

EDUCATION

University of the West of England — Computer Forensics BSC(Hons)

2010 - 2014

Completed with a 1st, including in my final year project (Tracks Mobile logging accessory)

PROJECTS

Project details available on request

to capture a user's heart rate from a camera, using the camera to measure a user's dimensions and integrating with many device sensors to record a user's vital signs.

Development in this field required a strong focus on testing, with robust continuous integration, strict agile development process and documentation, which I helped build and enforce.

Mubaloo, London — *Senior Android Developer & Technical Architect*

SEPT 2016 – SEPT 2019

A mobile agency where I worked on Agile, Waterfall and support projects in many different industries; banking and investment, public transport, internal processing, and public facing entertainment apps. I gained experience working independently, in large teams across the company and directly with clients.

I performed several roles for some of our largest clients: Strategy (User Story creation, discovery), QA (test scripts) and technical architecture building technical documentation (API specs, app and service infrastructure and more).

I mentored others in my team, while also representing other employees by championing and actioning employee ideas at an improvement committee.

Along with Android I worked on chat bot projects (AWS Lambdas, Dialog-Flow, JS etc.), a CI solution and supporting sites. I also actively learned Dart/Flutter, Rust and introductory iOS development.

Simply App, Bristol — *Android Developer*

JUNE 2012 - DEC 2012

I started a company with university peers to build and create Android apps for public and private clients. I designed app mock-ups (including designs, functions, storylines, UML), coded and designed apps, editorialised and deployed apps to market, researched markets and built the company's website.