

Lucian Boacă

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Work

Senior Software Engineer

Babylon Health

November 2020 - Present

London

- Designed a service that allows delivering ad-hoc surveys, managing the project full stack. The main concerns for this system are ease of deploying a new survey without engineering efforts, versioning and fall-back for old app versions and flexibility in integration with the rest of the ecosystem.
- Reimplemented the tooling to build dynamic screen flows, improving the type safety and developer experience by leveraging the typescript language services. As part of this task, I have also included a tool for visualising these flows.
- Designed and implemented the typescript layer of our data fetching infrastructure.

Software Engineer

Babylon Health

September 2019 - November 2020

London

- Worked on multiple Scala microservices for a Data Catalog, managing discovery and access to different datasets.
- Implemented the UI for this Data Catalog using React, Redux, Redux-Sagas.

Software Developer Intern

Amazon EU

July 2018 - December 2018

Luxembourg

- Developed an interactive CLI to combine different data sources with human input, which helped speed up migrating, testing and deploying a new system for handling shipments by more than a month.
- Developed a serverless application to process a stream of millions of messages a day related to warehouse management, alerting for potential errors and aggregating these messages into an optimised structure.

Junior Backend Developer

Gentlab

March 2017 - March 2018

Bucharest, Romania

- Worked part time between 20 and 25 hours per week during University as a back end developer building an e-learning platform. Some of the features that I built were quizzes and live streaming rooms.

Education

BSc. Computer Science

University of Bucharest

October 2016 - September 2019

- My final year project was a receipt scanning and expense management Android app. I have written it in Kotlin using the Jetpack suite: Room, LiveData, ViewModel and other libraries such as RxJava, Dagger. The purpose of the project was to also showcase modern software development approaches such as CLEAN architecture and Domain Driven Design. More recently I have been working on migrating the app to Jetpack Compose and coroutines.