Andrei-Marius **Longhin**

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Full Stack Software Engineer. Enthusiastic about programming, technology and everything computational.

Skills

Programming	Kotlin, Java, Typescript, Javascript, Python
Backend	Spring, NodeJS (Express), Flask
Databases	PostgreSQL, MongoDB, AWS DynamoDB
Frontend	Angular 7, React (with Redux and thunk)
DevOps	Docker, Kubernetes, Helm, GCP stack, AWS stack
Tools and processes	Git, IDEA IDEs, Slack, Jira, Scrum, Kanban

Work Experience

Mimica Automation *London, United Kingdom*

SOFTWARE ENGINEER *Sep. 2019 - present*

- Being part of an agile team working on a web application used to build and display RPA process maps
- Having complete ownership of the web application, from front to back and to production releases
- Pushing for better quality, more readable and performant code from first day of joining
- Participating in approx. 95% of the PR reviews; constantly mentoring other team members on best practices and helping out with technical issues they would encounter
- Proposing and implementing tools & processes which decreased the number of issues in production massively, whilst maintaining the high code throughput and frequent deliveries that is paramount to a startup
- Examples of tools/processes I helped bring on are: TypeScript, service-oriented architecture, unit and e2e testing, following guidelines set out in Clean Code and Clean Architecture books
- Holding technical interviews; making constant open source contributions

AmberBox *London, United Kingdom*

SOFTWARE ENGINEER *Oct. 2018 - Aug. 2019*

- Being part of a small team of engineers who build and maintain Cloud applications, following Agile principles and processes (2 week Scrum sprints, using JIRA boards, doing stand-up, sprint and poker-planning meetings, doing code reviews etc.)
- Having full ownership of projects, being fully involved in all the stages from architecture and design, to development (backend and frontend), to deploying the projects and maintaining them and offering support
- Building very interesting projects such as a Single Sign-on platform with Kotlin and Spring or a data retrieval application built with Kotlin and Spring on the backend (keeping in mind scalability) and React on the frontend
- Being involved in projects outside my normal areas of responsibility, notably in writing shell scripts to be run on embedded devices or maintaining and developing a couple of Java applications that run on embedded devices and make heavy use of IoT networking
- Having constant open source contributions to different libraries we used in our projects
- Other administrative tasks such as holding technical interviews and assessing candidates

Click Travel *Birmingham, United Kingdom*

JUNIOR SOFTWARE ENGINEER *Aug. 2016 - Sept. 2018*

- Being part of an agile Software Engineering Team
- Duties include working on Click Platform and travel.cloud web client as described in Projects section, participating in daily stand-up and design meetings and performing code reviews via Github Pull Requests
- Being part of a cross-team Security chapter, where we research and guide implementation of security improvements throughout the whole codebase and operations
- Contributing to company's annual growth of £40 mil. in revenue and providing valuable additions to each product

Education

University of Birmingham *Birmingham, United Kingdom*

BSc (HONS) IN COMPUTER SCIENCE *Oct. 2015 - Jun. 2018*

Udacity   *Birmingham, United Kingdom*

Full-Stack Web Developer Nanodegree   *Mar. 2016 - Apr. 2016*

- Finished Nanodegree in 30 days
- Learnt how to build web-apps using Python (also some Frameworks e.g. Flask) and SQL

Cambridge English Language Assessment   *Bucharest, Romania*

Certificate of Proficiency in English GRADE A   *Nov. 2014*

Honors & Awards

2016   **1st Place**, WarwickHACK "Build a hack that uses NFC and makes students' life easier" Challenge by   *Warwick, United Kingdom*
       Black Pepper Softwares

2016   **3rd Place**, WarwickHACK Best Hacks   *Warwick, United Kingdom*