

Andrei-Marius Longhin

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Junior Software Engineer at Click Travel. Enthusiastic about programming, technology and everything computational.

Skills

Programming	JAVA(Spring, Mockito)*, Javascript(Node.js, AngularJS)*, Python(Flask)*, Haskell*
Technologies	AWS stack (Lambda, CloudFormation, DynamoDB, S3, Athena, APIG)*, PostgreSQL*
Processes	Scrum*, Kanban*
Tools	Unix Shell*, Git*, Jira*, Bamboo*, Eclipse*, WebStorm*, Asana, Keen.IO, AWS Dashboard*, Intercom*
Languages	Romanian*, English*, French
	* Denotes working knowledge (skills without * fall into Basic Knowledge category)

Project Experience

Click Platform

Birmingham, United Kingdom

JUNIOR SOFTWARE ENGINEER

Aug. 2016 - PRESENT

- Rest API developed using micro-service architecture and domain-driven design
- Working on several parts of the platform including but not limited to Click's properties database or the Supplier Federation System (service that talks to external providers)
- Typical work-flow: confirm requirements with Product Owner, discuss design with team members, iteratively implement requirements, perform unit and service testing, record demo for important functionality
- Technologies used: JAVA, Spring, Node.js, AWS Lambda, DynamoDB, S3 etc.

travel.cloud - [Link to website](#)

Birmingham, United Kingdom

JUNIOR SOFTWARE ENGINEER

Aug. 2016 - PRESENT

- Web client mainly developed using AngularJS
- Client sends requests to our platform and displays the results in an user-friendly fashion
- Updating existing functionality/Implementing new functionality (such as metrics for property views) and adjusting design to work with it
- Technologies used: Bootstrap, CSS, AngularJS

Autolec - [GitHub Repository](#)

Warwick, United Kingdom

SOFTWARE DEVELOPER (TEAM MEMBER)

Feb. 2016

- Proposed the idea of an app that automates tasks before lectures
- Worked alongside Project ATAA members to put the idea into practice, thus bringing Project ATAA 2 prizes at WarwickHACK
- Provided automation for the following tasks: turning wi-fi and sound on/off, adjusting screen brightness, in order to make students' life easier
- Worked on the java code used for communication with the database
- Held the demo presentation
- Technologies used: MySQL, Android SDK

Personal website - [Link to website](#)

Birmingham, United Kingdom

WEB DEVELOPER & DESIGNER

Apr. 2016 - PRESENT

- Designed and developed website in my free time
- Maintaining website and making regular updates
- Technologies used: Bootstrap, CSS (client-side)

Robot Warehouse - [GitHub Repository](#)

Birmingham, United Kingdom

SOFTWARE DEVELOPER (TEAM MEMBER)

Feb. 2016 - Apr. 2016

- Worked as part of a team to produce code that can be run on NXT Robots
- Designed and developed a Management GUI so that users can easily control robots from a computer
- Implemented a real-time updating simulation of robots' movement to help users better visualise robot behaviour at any moment
- Technologies used: JavaFX, leJOS

Work Experience

Click Travel

Birmingham, United Kingdom

JUNIOR SOFTWARE ENGINEER

Aug. 2016 - PRESENT

- 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

SC Safe Escort SRL

Bucharest, Romania

WEB DEVELOPER

Mar. 2012

- Developed company's static (presentation) website and thus made the company's interactions with clients straightforward and more efficient
- Provided occasional tech support and maintenance checks in order to give clients confidence in the website

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

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|------|---|--------------------------------|
| 2016 | 1st Place , WarwickHACK "Build a hack that uses NFC and makes students' life easier" Challenge by Black Pepper Softwares | <i>Warwick, United Kingdom</i> |
| 2016 | 3rd Place , WarwickHACK Best Hacks | <i>Warwick, United Kingdom</i> |

Other Interests

CSS (Computer Science Society)

Birmingham, United Kingdom

MEMBER

Mar. 2016 - PRESENT

- Participated in most of the activities organised by the society (e.g. Hackathons, Workshops, Social Gatherings etc.)

Project ATAA

Birmingham, United Kingdom

FOUNDING MEMBER

Nov. 2015 - PRESENT

- Participated in hacking competitions: BrumHack, BAE Capture the Flag, Great Uni Hack etc.
- Developed Android Apps such as Autolec or EyeC