

Alexander Bell

Software Developer



PROFILE

Software Engineer @ Ford Credit Europe who has had a wide variety of experiences in this role through the launch of greenfield applications to production and strong involvement in the entire process from inception to delivery. Over 2 years professional experience with Java and Spring Boot.

I have an avid interest in many aspects of technology, software and entrepreneurship as well as experience in software development working in a wide variety of scenarios. I thrive on problem solving and enjoy working with people to generate innovative solutions. I am always on the lookout for new technologies and practices that can be brought into the team and take the time to cascade anything I have learnt. I have consistently worked to the highest professional standards drawing on experience and a wide range of technical expertise, learning from mistakes as I go. I am a dynamic team player with great communication and organizational skills combined with strong leadership capabilities and a desire to succeed.



CONTACT ME



(+44) 7447853476



Personal Portfolio:
<http://www.alexanderbell.dev>



GitHub:
www.github.com/alexanderbelldev



LinkedIn:
<https://www.linkedin.com/in/alexanderbell1997/>



Twitter:
<https://twitter.com/AlexBellDev/>

More information available @ <http://www.alexanderbell.dev>



WORK EXPERIENCE

● Ford Credit Europe / SEPT 2018 - Present

I work in a team of agile software developers working on strategic business critical applications using a range of front and backend technologies. Whilst also building CI pipelines using Jenkins, Infrastructure planning and management using PCF and designing and building databases using Spring JPA ORM with MSSQL as the underlying database technology.

I work an Agile way with the following technologies: Spring, Java (11), Html, CSS, Angular, Jenkins for CI, PCF, ADFS for internal user authentication (SSO), MSSQL, Git (GitHub) and Agile central for project management. I primarily write code using IntelliJ IDE and have had several years' experience doing so.

I have played a pivotal role in the creation of two significant applications from scratch using a modern tech stack.

Application 1 - This is a tool now in production developed for marketing and sales, which combined a large amount of data interrogated from SOAP API/s with front end-user input screens built with JS and backend business logic operations built with Spring boot. The application combined and transformed data from various sources such as legacy systems and allowed user data to be input, then exported and processed using Alteryx.

Application 2 - I am currently working on a business-critical microservices-based API project developed with spring boot and related spring components. This service provides batch processing of vehicle and financial data for European markets, which subsequently feeds various downstream systems with mappings of multiple sources of data based on business need. A frontend has also been developed in Angular (using material design) allowing business users to input data to flow downstream.

These projects have allowed me to work collaboratively within a professional environment, which has transformed my mindset towards efficient team-based output. Exposure to new technologies and methodologies has enriched my technological prowess, allowing me the opportunity to implement and improve existing development practices in turn furthering the skills of the team.



PERSONAL SKILLS

● Java – 2 Years Exp



● Spring Boot – 2 Years Exp



● Database (MSSQL / JPA) - 1 Year Exp



● Test Automation - 1 Year Exp



● Jenkins – 1 Year Exp



● Angular - <6 Months Exp



EDUCATION

● BSc Computing / SEP 2015- MAY 2018

University of Leicester
High Second-Class Degree w/ First Class Dissertation.
Notable Grades:

Year 1:

CO1008 Requirements Engineering and Professional Practice - 71%

CO1097 Internet Computing - 70%

CO1098 Information Management - 92%

Year 2:

CO2001 User Interfaces and HCI - 67%

CO2002 Financial & Business Computing - 71%

CO2012 Software Project Management % Professionalism - 65%

CO2015 Software Engineering Project - 84%

CO2017 Operating Systems, Networks and Distributed Systems - 75%

Year 3:

CO3016 Computing Project (Dissertation) - 72%

CO3093 Big Data & Predictive Analysis - 62%

CO3098 Web Technologies - 76%

CO3105 Advanced C++ Programming - 60%

● A-Levels / SEP 2013- MAY 2015

330 UCAS Points

Computing | Business Studies | Information Technology | Mathematics