

## Robert Bettison

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**Soft Skills:** CI/CD agile software development | Project management | Business analysis | Spanish B2 | English native-speaker

**Tools:** Java Spring|NodeJS|Twilio|Azure|GCP|AWS|Kubernetes|Docker|Microservices|Git|TeamCity|SQL|SendGrid|Liferay|SAP

**Certifications:** Google Cloud Platform Professional Architect | Oracle Professional Java Developer | AWS Associate Solution Architect

**Awards:** Deloitte Social Contributor Nominee 2023 in recognition for building a cross-network, inclusive football group

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## EDUCATION

### University of Bristol

*Master of Science: Computer Science (Merit achieved)*

Thesis compared the effectiveness of different AI machine learning techniques to detect spam on the social media platform Twitter.

Modules included: OO Programming | Overview of Computer Architecture | Web Technologies | Databases | Software Engineering

*Bachelor of Science: Mathematics (2.1 achieved)*

Modules included: Probability & Statistics | Financial Mathematics | Number Theory

**Littleover Community School (A-level A\*AA, GCSE 9A\*AB)**

**Bristol, UK**

*September 2016-September 2017*

*September 2013- June 2016*

**Derby, UK**

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## RELEVANT EXPERIENCE

### Deloitte 2020 – present

***Solution Architect and Technical Consultant***

**London, UK / Madrid, ES**

#### ***Woodside – SAP HANA S/4 migration***

- Member of Spanish team of consultants based in the Madrid office, ***speaking Spanish*** to aid with effective teamwork.
- Learning and implementing new SAP technologies such as **SAP CAP** with **NodeJS** and **SAP HANA**.

#### ***Jaguar Land Rover – New Claim Entry global roll-out***

- Led the international roll-out of JLR's new claim entry system, enabling franchises to claim millions in repair costs.
- Upgraded the frontend to **React**, resulting in a more intuitive, efficient user-interface and future-proofing the application.
- Introduced feature to link claims to parts on order, which JLR project ***will save £500,000 per annum*** in courtesy car savings.
- Conducted in-person presentations at JLR HQ and organised work into actionable stories for developers.
- Managed backend **Java** development and scrums and identified further opportunities for billable work with JLR.

#### ***Peel Ports – Jira-to-Jira service desk integration using AWS cloud technologies***

- Architected and developed the solution which utilised **AWS Lambda** (with **NodeJS**) and **AWS API Gateway** in conjunction with Jira's Webhooks feature to automate ticket updates between service desks.
- Empowered Peel Ports' employees to save time and focus on more pressing issues.
- Presented a POC to the client and implemented the approved solution with constant communication with the client to work through nuances in the requirement.
- Orchestrated the deployment of the integration into production using a **TC deployment pipeline**.

#### ***TODs – iOS application to aid sales assistants with in-store, customer engagement tasks***

- **Java middleware development**, integrating with **Outlook**, **Twilio**, and TODs' existing APIs (product catalogue and CRM).
- Enhanced customer-client interaction pre-sales and post-sales through the improved technology.
- Pioneered new product features for TODs, including LookBook, allowing sales assistants to create and share looks with customers via WhatsApp.
- Worked in an agile manner, conducting pilot releases in select London stores before the worldwide roll-out.
- Engaged with the business to understand requirements and effectively communicated complex topic to various stakeholders, persuading them to adopt recommended solutions.

### Keytree 2017 – 2020

***Software Engineer and Data Analyst***

**London, UK**

- Developed functionality across the stack for the Jaguar Land Rover Global Retailer Portal. The portal leverages **Liferay**, **SendGrid**, **Java** and **React** technologies to target content to franchise retailers worldwide.
- Developed full-stack on the Greater London Authority Open Project System. Since 2016 GLA have beaten their targets for affordable housing in London with 116,726 homes started and ***58,834 homes completed***- all applications flowed through OPS.
- Worked as a data analyst on a database migration project for Serco handling sensitive asylum seeker data. Wrote **SQL** procedures to extract, transform and load data from the source database into the new database.

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## ADDITIONAL

### **Crowdfunder application built on the Ethereum network using Web3 (personal project)**

Learnt real-world applications of blockchain technology and the skills to develop, test, deploy and interact with contract code.