

Rebecca Wilde
Full Stack Developer

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I am a full stack developer with exposure to cutting edge eCommerce and FinTech projects with strong delivery experience gained working in fast moving international banking and online retail businesses. I have excellent communication and interpersonal skills, and a proven track record of consistently delivering project requirements to required scope and deadlines using Agile methodologies.

Professional Skills: Java, React, SQL (Oracle/SQL Server), JavaScript, TypeScript, Redux, HTML, CSS, REST, Swing, Robot Framework, NoSQL (Redis, MongoDB),
Familiar: Unix, Lisp, Clojure, Android, C# (.NET).

Tools: IntelliJ, Eclipse, VS Code, Node.js, Git, TeamCity, Jira, Confluence, BitBucket

Professional Accomplishments

Software Developer (Feb'19 – Present)

First Derivatives plc, Newry

Based in Frankfurt, Germany, working as a key member of a small high performance team at Commerzbank. As part of this team, I helped delivery of new features and modernisation of a legacy Java based eFX trading platform used for both internal and external clients. Subsequently, from June 2020, I was moved to a new React project to replace the trading platform, and have since continued to work on new product offerings.

Challenges in this project that I was personally responsible for included:

- Developing new features requested by the business, on both the Java application and React application, including enhanced product offerings and adherence to financial regulations.
- Integrating the web solution with in-house REST APIs and integrating Websockets to allow live trade and order updates, including developing a notification centre.
- Modernising the Java application, for example migrating the user configuration stored on the client's local machine, and rewriting the 15+ year old code to clean, SOLID, fully tested code, in order to save the configuration to a hosted repo.
- Developing technical documentation such as user guides, release notes, testing evidence and taking part actively in knowledge shares.
- Creating unit tests on different aspects of the system - utilising both JUnit on the Java application and Jest/React Testing Library on the web based solution, with the aim of improving test coverage from < 50% to above 80% which was achieved.
- Managing releases using a sprint driven Agile development method, tracked using the Atlassian Jira tool.

Software Developer (Jun'17- Jan'19)

Chain Reaction Cycles, Belfast

Experience with ATG eCommerce technology – an Oracle product used for large scale commerce websites

- Experience with back end development based on Java with an Oracle database and front-end development using HTML, CSS, React, Node.js, JavaScript and templating.
- React, Java and SQL development for implementation of two new collection services on the website.

- Major back-end enhancement with additional JavaScript development and innovation of front and backend features for the redesign of the Customer Service section of the website.
- Implementation of enhanced Google Analytics data to improve customer insights.
- Various development changes via CRC small change stream (Marketing, Customer Service, Finance, Legal).
- A period on production support, giving more exposure to production systems and issues
- Proposal of innovations for bug fixes in relation to production support challenges.
- Graduate software developer and progressed to a software developer within the year.

Placement Software Developer (Jun'15 – Sep'16)

Chain Reaction Cycles, Belfast

Use of Java, Rabbit MQ & bootstrap HTML for creation of web application to monitor scheduled jobs running on the website to provide data insight

- Full SDLC experience in relation to web application (From requirements collected to finished implementation, which was then applied to my final year project).
- Experience managing server load and creation of scheduled jobs to increase visibility of the internal status of the website, with the aim of finding and diagnosing issues in real time.
- Offered permanent role within Chain Reaction Cycles following placement year.

Final Year Project

- Book based android app that used Node.js and MongoDB to save user's data online.
- Web scraping components were created for price comparisons.
- Multiple APIs harnessed to allow the users to create "shelves" that would also suggest upcoming books that would be of interest, or new books of series they've already read.
- Typical sign ins of Facebook, Google and email/passwords were also implemented to allow the user to sign in on multiple devices via synching with the database.

Education & Training

Teesside University

BSc Computer Science (Hons) – First Class

2013 - 2017

Notable Modules – Artificial Intelligence, Software Architecture, Cloud and Web, Advanced Databases and Advanced Java Programming, Embedded Systems, Algorithms and Data Structures

Glenlola Collegiate School

2011 - 2013

A Levels: ICT (A), Geography (B), Religious Education (B)

8 GCSEs, grade A-C including Maths and English

Interests

In my spare time, I enjoy attending tech meet-ups when possible, and during the pandemic have found a huge amount of inspirational and motivating groups of online content creators surrounding software development who have inspired me to start actively working on side projects in my spare time.