Jessica Reid

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Jessica is an experienced technical lead with 10 years experience working on cutting edge technology at massive internet scale. She has cross-team and cross-organisational influence and maintains various client relationships. She has a track record of a team-first ethic and thrives on mentoring and helping members of her team and adjacent teams to reach their potential.

Professional Software Experience

December 2024 to Present - FanDuel - Senior Software Engineer

Jessica is a tech lead in an organisation responsible for responsible gaming and gambling compliance. Her team's area of focus is on geolocation of customers to ensure compliance with gambling laws for every location and product offered by the company. Her work continues to include both technical implementation and short to long term planning with organisational leadership.

Jessica is building on her previous experience to build best-in-class geolocation functionality to ensure FanDuel's operations run smoothly and are compliant with geolocation regulations. The software stack includes Java, Spring Boot, and Python while leveraging Kubernetes, AWS SNS, SQS, Lambdas, and Kafka.

Jessica's work has also involved directly communicating with testing, certification, and regulatory bodies to communicate service modifications as part of compliance requirements.

August 2015 to December 2024 - Amazon - Software Development Engineer 1 & 2

Jessica was a tech lead in an organisation with data pipelines managing relationships between products, processing data at petabyte-scale. Her team managed 2.4BN relationships, adding over 30MM each month. Her work involved batch- and event-based processing, storage, and publishing of relationship changes using machine learning technologies. She led cross-team projects, and components for cross-organisational efforts, while also providing input to the overall strategy. She also developed the data orchestration platform that powered the data pipelines of various business verticals across the company.

Jessica's experience spanned a variety of tech stacks and is always eager to learn new technologies. Most of her experience is with AWS services such as EMR, DynamoDB, RDS, Lambda, SQS, and SNS with implementation primarily written in Java. She has used Typescript for infrastructure management using AWS CDK and worked on systems leveraging Python for scripting and Node.js and React for front-end. All services had CI/CD with team ownership of all operational responsibilities. She helped maintain and upgrade software, such as Java major version upgrades and security upgrades of libraries.

Jessica was a point of contact for client and sibling teams globally to assist their efforts in solving critical and time-sensitive business problems. She also assisted with their design decisions and integration to core infrastructure with a focus on simplifying cross-team engagement.

Jessica's mentoring of intern and permanent software developers has a proven track record of success with them growing and advancing to the next stages of their career.

Jessica was solely responsible for managing and maintaining double-digit $MM compute spend for part of the organisation. She has led and influenced double-digit % cost improvement measures without impacting system performance or project progress, often improving both. Her frugality mindset ensured efficient use of developer time, auditor time, and compute resources.

Jessica led multiple teams' efforts to maintain compliance with global data privacy requirements such as Data Subject Access Requests and On Demand Data Deletion.

Qualifications

2010 to 2015 - University of Glasgow - Computing Science MSci (Hons) 1st Class