

Cameron Dias-Doyle

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SENIOR SOFTWARE ENGINEER

About

- Proficient in several programming languages, mainly working in the backend and server tiers
- Experienced in solution design, project management, and team leading roles
- Adaptable, versatile, and flexible, with a strong desire to learn and develop new skills

Education

**University of
Newcastle-Upon-Tyne**
(2010 – 2014)

BSc Computing Science with
Industrial Placement – 2:1

Key Skills

- Java, Python, and server-side development
- Architectural and system design
- AI-driven software engineering
- Mentorship and career development guidance

Professional, academic, and personal references are available on request.

Experience

Senior Software Engineer

FanDuel Group, Edinburgh (Sep 2019 – Present)

- Currently working as lead engineer within a small AI-focused team, resolving key pain points and improving data integrity for complex accounts, legacy customers, and high-value clients
- Architected and delivered a major user-driven account-recovery flow, already projected to provide multi-million-dollar reactivation savings by replacing manual customer support processes with self-service actions, whilst protecting against fraud risks via eligibility gates and a mandatory photo-ID verification
- Designed and led a major evolution in our KYC journeys, developing a new context model to unlock a product market with new regulatory requirements, built under an eight-phase migration model to both introduce junior engineers to the KYC space in a controlled manner, while also safely refactoring dozens of external callers and successfully absorbing a 30,000% increase in traffic with no service degradation
- Identified a gap in the user onboarding journey where certain cohorts of new users were being preventably lost during account creation due to an oversight in the data collection flow, subsequently designed and built a solution to both improve the customer experience, and provide ~\$400k/year in external vendor cost savings
- Built the underlying data-merging engine for FanDuel's original internal account migration service, which led to the granting of US Patents #11748344 and #12197434

Software Engineer

Avaloq Innovation, Edinburgh (Apr 2017 – Sep 2019)

- Developed new web-based software for a range of worldwide banking clients, using a microservice-based technology stack with an Angular front-end and Java server tier
- Led my team as scrum master, making successful on-time deliveries for new project clients whilst balancing the needs of our existing clients at once

Software Engineer

CGI, Edinburgh (Jul 2014 – Mar 2017)

- Worked for the Scottish Government's AFRC project as a performance engineering team lead and a backend software engineer

Test Analyst

Logica, Edinburgh (Aug 2012 – Sep 2013)

- Developed business scenarios for the client and used my knowledge of the customer needs to design development criteria for our team of offshore developers