



Ashley Sykes

Full Stack Developer

Contact

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About

A passionate and skilled full-stack engineer with over 10 years experience across a multitude of industries and technologies. Has a keen focus on delivering customer value and driving improvements in delivery processes to ensure that value is realised. Happy to work across a range of front-end and back-end technologies.

Profiles

LinkedIn

[ashsykes](#)

GitHub

[ash-sykes](#)

Work

Starling Bank

April 2023 – Now

Software Engineer

The re-architecture and enhancement of core banking services that provide business critical APIs to a range of banking processes.

Highlights

- Development of a bespoke process to enrich merchant metadata using cutting edge ML techniques
- Design, document and implement fundamental updates to the core service responsible for managing customers transactions with the bank
- Implement various new screens in internal tooling portals and help upskill other team members in React
- Technologies: Java (bespoke framework), PostgreSQL, React

Infinity Works

May 2022 – April 2023

Principal Consultant - Channel 4

Design and development of an event driven system, leveraging several AWS technologies such as SNS/SQS/Lambda/MemoryDB, to replace a legacy monolith for the ingestion of programme metadata.

Highlights

- Lead developer working on new data ingestion and transformation process
- Introduce and drive adoption of coding standards and practices
- Implement tooling to assist in development workflow e.g. Renovate for dependency updates

- Architectural design and documentation of proposed solution
- Technologies: AWS, CDK, Java (Spring Cloud, Spring Boot & bespoke Lambda framework)

Infinity Works

February 2021 – March 2022

Principal Consultant - Santander

Technical development lead of a blended team enabling customers to open a business banking account via a mobile in-app process.

Highlights

- Helped to deliver product through driving and refining Santander's adoption of Agile processes
- Designed, delivered and documented a suite of Spring Boot services capable of creating accounts via Core banking API's
- Planning, design and implementation of a test strategy to support business assurance *
Development of CI/CD pipelines to enable seamless updates to Santander's AWS estate
- Led the transition of development activities from Infinity Works back to the client, including documentation and training
- Technologies: AWS, Terraform, Java (Spring Boot), Apache Kafka, ReactJS, TypeScript

Infinity Works

February 2020 – February 2021

Senior Consultant - Yorkshire Building Society

Design & delivery of a new microservices banking platform to replace existing legacy systems and enable adoption of newer communication mediums (mainly mobile).

Highlights

- Reverse engineered a monolith application into a series of Spring Boot microservices and associated native apps
- Introduced the Society to a new way of working (utilising SCRUM) with a focus on robustly testing services individually and end-to-end
- Assisted in re-platforming the application to use cloud native solutions and move away from legacy on premise hosting
- Led the transition of development activities from Infinity Works back to the client, including documentation and training
- Technologies: Java (Spring Boot), Kotlin, ReactJS, React Native

Asda Stores Limited

January 2019 – February 2020

Technical Expert

Design and development of a solution that enables customers to shop using Asda owned devices.

Highlights

- Hiring new members into the team
- Mentoring junior members of the team and new starters on the apprenticeship scheme

- Drive adoption of agile ways of working and automated testing
- Technologies: Java (Spring Boot), Kotlin, ExpressJS, ReactJS, React Native

Edgetic Ltd

January 2018 – January 2019

Full Stack Developer

Start-up researching the Kubernetes scheduler and how to improve its power efficiency through machine learning and big data.

Highlights

- Technologies: Golang, Python, InfluxDB, Redis, performance tracing libraries (eBPF & cgroups)

Asda Stores Limited

June 2015 – December 2017

Senior Software Engineer

Development of colleague focused mobile and web applications.

Highlights

- Technologies: .NET, Angular.JS, Ionic

X-Lab Ltd

June 2009 – November 2015

Senior Software Engineer

Start-up organisation focused on building a national solution to deliver pathology requests and results between secondary care providers.

Highlights

- Technologies: .NET, jQuery, jQuery UI, Backbone.js, KnockoutJS

Education

University of Leeds

September 2006 – June 2009

Computer Science

1st Class with Honors BSc

West Leeds Sixth Form College

September 2004 – June 2006

English Language, English Literature and Sports Science

3 B's at A-Level

West Leeds High School

September 1999 – June 2004

English, Maths, Science etc.

10 A - B GCSE's

Awards

AWS Solutions Architect - Associate

by AWS

Awarded March 2022

Verify at: <https://aws.amazon.com/verification> with code: FXHZKZYB3NF4QK37