Edmund Steele

Senior Software Engineer with deep expertise in cloud-native backend systems and Java development. Proven track record of delivering complex, scalable solutions while mentoring junior developers. Looking to grow into technical leadership roles while maintaining hands-on development work.

London Based
edmundsteele@gmail.com
https://blog.edmundsteele.com

EXPERIENCE

Starling Bank, London — *Software Engineer*

October 2021 - PRESENT

A highly varied role in a flat engineering structure working across the full stack of a modern cloud native application. A particular emphasis on backend modern Java and PostgresQL development but high usage of AWS,GCP and some React front-end development. Top-10 Java platform code committer.

Elsevier, London — *Software Developer*

January 2019 - September 2021

Building a new product offering to host and manage customer scientific data on a SaaS platform. Working with a Java/MySQL backend and AWS to build flexible and customer customisable systems to allow customers to collaboratively edit and submit datasets.

Open GI, Worcester — *Java Developer*

December 2017 - December 2018

Maintaining an insurance quotes engine and integrating with aggregators. Working on modernising the CI/CD approaches within the organisation and assisting with adding automated build tooling and testing.

PROJECTS

Java Backend Development

International Sanction Payments Screening (Starling Bank)

- Led development of automated sanctions screening system
- Coordinated with compliance and operations teams
- Successfully delivered under regulatory deadlines

SKILLS

Backend:
Java (JAX-RS, Guice, JOOQ)
PostgreSQL

Infrastructure:

AWS particularly S3, EKS and RDS)

GCP - CloudStorage

Kubernetes

Kotlin Gradle Tasks

Frontend: Javascript/React

Interests: Elixir/Gleam, Rust

EDUCATION

University of York, — *Biological Sciences: 2.1*

2014 - 2017

Biological sciences with an emphasis on genetics, computational biology, statistical analysis and genome sequencing and assembly.

Internship at Kew Gardens working in the computational research team.

PERSONAL INTERESTS

I manage and run a summer

Migrations and rewrites (Starling Bank)
- Rebuilt scheduled payments processing to handle increasing scale with zero customer impact
- Re-engineered a complex SaaS accounting platform into modern Java with a new database schema in postgres.
- Moved Confirmation of Payee checks onto the new PayUK directory with zero downtime and added an internal management frontend to view and interact with Openbanking/CoP participants.

Publishing Pipeline (Elsevier)
- Implemented a 'Saga' pattern orchestrator which used a series of configurable microservices to manage the peer review and publication of scientific data.
- Implemented and contributed to the design of a Message Broker based flexible communication system between services.

Infrastructure/Devex

Multi-Cloud Support (GCP/AWS) — *Starling Bank*

- Designed and implemented a cloud-agnostic abstraction layer, allowing application code to interact with storage and infrastructure services without coupling to specific cloud providers
- Updated existing and created new deployment pipelines supporting multi-cloud resource definitions
- The 'go to' person on using Cloud Object Storage with Java.

adult softball team requiring organisational, soft management and leadership skills, keeping the team happy, integrating new players and managing numbers and expectations.

I enjoy playing the guitar and piano in my free time as well as keeping active playing sport.