

JAMES HUGHES

PROFESSIONAL SUMMARY

James Hughes is a software engineer with a strong passion for crafting high quality solutions, using the right tools, technologies, techniques and, most importantly, people.

A firm believer in knowledge sharing and this is evident in his background of speaking engagements, education authoring and online writing. He also strongly believes the generalist approach to software development is essential to truly understanding both the "how" and the "why" of technologies, patterns and approaches so that projects are delivered with a focus on user needs rather than developer or team bias.

WORK HISTORY

Developer & Technical Architect, 03/2020 to Current Home Office (Project Not Disclosed)

Delivery of technical design and solutions for central authentication and profile services across the public facing Home Office portfolio.

Technologies include: Java, Docker, Helm, Spring Boot, Node JS, Postgres, Redis

Technical Author Pluralsight

Commissioned by Pluralsight to produce the Play! 2 for Scala and Play! 2 for Java courses. The 2-hour courses are intended to act as a high-level introduction to the Play! 2 framework

Developer, 2020 Radically Digital

Development of proof-of-concept dashboard components using real time data and custom D3 infographics.

Technologies include: Typescript, D3, React, Next JS, Google Cloud Platform, Node JS

Developer & Integration Specialist, 09/2018 to 03/2020 Home Office (Project Not Disclosed)

Delivery of technical design and solutions for public facing services as well as internal services for development teams and back-office business teams focused around EU Exit.

Technologies include: Java, Scala, Docker, Helm, Spring Boot, Dropwizard, Play! (Java)

DevOps Engineer & Migration Specialist, 08/2017 to 09/2018

CONTACT

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SKILLS

- Java, Scala, Kotlin, Typescript, JavaScript, Clojure, Clojurescript
 - NodeJS, Spring, React, Play, http4k
 - Docker, Kubernetes, AWS, GCP, Ansible, Helm
 - Postgres, MongoDB, Redis, Neo4j
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Home Office (Project Not Disclosed)

Delivery of platform migration for an entire live system between two cloud providers. Architecting and building automated, dockerized build and deployment pipelines. Dealing with data migration between different data stores (Mongo - Postgres) and networking between external third party services with varying connectivity requirements.

Technologies include: Jenkins, Amazon Web Services, Groovy, Docker, Kubernetes, Ansible, Data migration, Postgres

Technical Architect, 01/2017 to 08/2017

Home Office (Project Not Disclosed)

Delivery of core integration broker created to consolidate multiple existing integration points. Core non-functional requirements focus on resilience and fault tolerance to ensure reliable delivery of messages across multiple third-party systems in multiple formats.

Technologies include: Java, Amazon Web Services, Play, Akka, RabbitMQ, Ansible, Jenkins

Developer, 08/2015 to 12/2016

Home Office (Project Not Disclosed)

Delivery of public facing digital services and live service support for the Home Office.

Technologies include: Scala, MongoDB, Play, Akka, Spray, Ansible, Jenkins, ELK

Live Support & Service Management, 03/2015 to 06/2015

DVLA

Delivery of ongoing live service support. Role included dealing with live service incidents, service improvements and running monthly service management sessions with the project board.

Developer, 08/2014 to 02/2015

DVLA

Delivery of batch processing and high-volume imaging services for government projects using a service-oriented approach. Work includes various image transformations (facial detection, adaptive contrast etc.), fault tolerant system design with throttling and back pressure capabilities and API design and documentation.

Technologies include: Java, Play, OpenCV, ImageMagick, Akka, Ansible, Jenkins

Developer, 02/2014 to 08/2014

CyberSource

Contracted to help International Payments team integrate new payment gateways into existing solution. Improving overall code quality, addressing long standing technical debt and helping address process flow issues.

Technologies include: Java, Tomcat, Jersey