Contact

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Top Skills

High Level Of Accuracy

Customer Relationship Management
(CRM)

Team Management

Certifications

Oracle Certified Professional, Java
SE 8 Programmer II

Christopher Smith

Senior Software Engineer | Java, DevOps, AWS, Terraform,
Kubernetes
London, England, United Kingdom

Summary

Experienced software engineer with 11 years in enterprise software
development, specialising in cloud infrastructure, automation, and
CI/CD pipelines. Proven track record of optimising infrastructure
costs, implementing robust deployment strategies, and architecting
scalable solutions. Strong background in Java/Kotlin development
with expertise in containerisation, infrastructure as code, and cloud
platforms.

Oracle Certified Java 8 Programmer

Experience

Sainsbury's
DevOps Java Engineer
October 2022 - April 2025 (2 years 7 months)
London Area, United Kingdom

• Orchestrated large-scale migration of microservices across in-house
Kubernetes clusters

• Led modernization of CI/CD infrastructure by transitioning from Jenkins to
GitHub Actions

• Planned and executed the migration of the main customer order database on
AWS RDS

• Designed and implemented cost optimization strategy through automated
resource scheduling in pre-production environments

Main technologies: Java, AWS, Terraform, Kubernetes, GitHub Actions

Ford Motor Company
Full Stack Developer
August 2021 - September 2022 (1 year 2 months)

• Developed functionality in Kotlin using Spring Boot, emphasizing refactoring existing code and dealing with tech-debt incrementally

• Mentored a junior developer through pair programming and drove the refactoring of a legacy service

• Collaborated with a front-end engineer to build a graphQL/DGS proof-of-concept server showcasing advantages

Main technologies: Java, Spring Boot, Kotlin, SQL

Sky
Software Engineer
March 2020 - August 2020 (6 months)
London Area, United Kingdom

• Architected and maintained high-availability infrastructure for critical payment processing systems.

• Implemented comprehensive monitoring and alerting for system health and performance metrics.

• Enhanced system reliability through infrastructure-as-code practices and automated deployment pipelines.

Main technologies: Java, Kotlin, Spring, Docker

RBS
Software Engineer
September 2018 - January 2020 (1 year 5 months)
London, United Kingdom

• Led migration from monolithic architecture to cloud-native microservices for a consumer banking platform at RBS

• Designed and implemented event-driven architecture for banking transactions, enhancing efficiency

• Managed infrastructure using Terraform and AWS, ensuring secure VPC configuration and Route53 DNS management

Main technologies: Java, Spring, AWS, Terraform, Docker

Sky
Software Engineer
November 2017 - September 2018 (11 months)
London, United Kingdom

• Implemented high-availability architecture using circuit breakers and fault tolerance patterns to ensure system reliability

• Designed and maintained cloud infrastructure for content storage and streaming, optimizing performance

• Enhanced system reliability through comprehensive monitoring and alerting systems

Main technologies: Java, RxJava, Spring Boot, Kubernetes, Kafka

Amalytics Ltd
Full Stack Engineer
March 2016 - November 2017 (1 year 9 months)
London, United Kingdom

• Architected Elasticsearch-based data pipeline for financial metrics at Amalytics Ltd in London, UK

• Reduced AWS infrastructure costs by 75% through automated resource management

• Improved application performance by 95% through JVM optimization

• Implemented CI/CD pipelines using Jenkins and AWS

Main technologies: Java, Spring, AngularJS, AWS, Elasticsearch

British Airways
Software Engineer
November 2013 - March 2016 (2 years 5 months)
London, United Kingdom

• Developed and maintained a flight analytics platform processing real-time aviation data

• Designed and implemented end-to-end data pipeline using ELK stack for real-time flight metrics

• Built infrastructure for continuous data ingestion and processing, ensuring 24/7 system availability

Main technologies: Java, Spring, AngularJS, Elasticsearch, Redis

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Education

University of Portsmouth
Pharmacy, Master of Pharmacy (MPharm) · (2003 - 2009)

University of Portsmouth
Master of Pharmacy (MPharm), Medicine · (October 2003 - June 2008)