Christopher Smith

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SUMMARY

Versatile software engineer with over 11 years of experience developing applications used by millions. Passionate about automation and delivering high-quality, well-tested solutions.
Skills: AWS, Terraform, CI/CD, Java, GitHub Actions, Jenkins, Vert.x, AngularJS, GraphQL, BDD, Redis, Microservices, System Design, Cloud Architecture, IaC

EXPERIENCE

- **Sainsburys Plc** — **Holborn, London, UK**
  DevOps Java Engineer — *Oct 2022 - Apr 2025*
  - Migrated 30 microservices and other tooling between Internal Developer Platforms
  - The migration saved the company, annually, $50,000 and two senior engineers saved hundreds of working hours
  - Two senior engineers saved hundreds of working hours a year
  - Led the CI/CD transformation from Jenkins to GitHub Actions, reducing the code line count by 80%
  - Upgraded the 'Single Source of Truth' database for customer orders with no downtime or data corruption

- **Ford UK** — **London, UK**
  Full stack engineer — *Aug 2021 - Sep 2022*
  - Advocated and montored others in managing tech debt with clean code and increment refactoring
  - Planned and implemented BDD testing of a service prior to remote CI
  - Persuaded management and worked alongside another engineer to implement a graphQL API

- **Career break** — **Manchester, UK**
  Caring for family members — *Sep 2020 - Aug 2021*

- **Sky** — **London, UK**
  Senior Software Engineer — *Mar 2020 - Sep 2020*
  - System Design implemented by IaC and Terraform for scaling and fault-tolerance
  - Minimised latency by 80% and compute use by 50% by using non-blocking I/O

- **Royal Bank of Scotland** — **London, UK**
  Software Engineer — *Sep 2018 - Feb 2020*
  - Led the design and implementation of a service that verified around 6 million transactions daily
  - Used Vert.x to use async I/O which reduced resource costs by 50%

- **Sky** — **London, UK**
  Software Engineer — *Nov 2017 - Sep 2018*
  - Designed a cloud based system that was scalable, available and fault-tolerant
  - Used a non-blocking HTTP library (RatPack) which reduced resource costs by 50% and improved latency

- **Amalytics Ltd** — **London, UK**
  Software Engineer — *Mar 2016 - Nov 2017*
  - Reduced AWS costs by 75% by optimising cloud resources
  - Researched, designed and implemented a CI pipeline using Jenkins
  - Uncovered major bottlenecks that reduced processing duration by 95%

- **British Airways** — **London, UK**
  Junior Software Engineer — *Mar 2014 - Mar 2014*
  - Involved in designing a failover application stack
  - Implmented widgets and features using AngularJS, Java and Redis

EDUCATION & CERTIFICATIONS

University of Portsmouth, Portsmouth, UK — Master of Pharmacy (2:2) — Oct 2003 - Jun 2008

AWS Certified Advanced Networking - Specialty (In Progress)

OCP Java SE 8 Programmer II — Credential ID OC1671391 - Oracle — 2017

AWS Certified Solution Architect Associate — AWS — 2016