

## CONTACT



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## PROFESSIONAL SUMMARY

Experienced Splunk Engineer with over 5 years of expertise in developing and optimizing Splunk environments for IT infrastructure and application monitoring. Skilled in leveraging Splunk's advanced capabilities to deliver actionable insights, streamline incident response, and improve system performance. Adept at managing large-scale deployments, working collaboratively with cross-functional teams, and meeting tight deadlines in high-pressure environments. Possessing a strong foundation in mathematics and problem-solving, combined with a passion for continuous learning and staying at the forefront of monitoring technologies. Seeking to advance as a Splunk expert while contributing to the success of organizations by enhancing their monitoring and security frameworks.

## EDUCATION

### MASTER OF SCIENCE - ARTIFICIAL INTELLIGENCE AND DATA

**SCIENCE** Sep 2025

Northeastern University London,  
London

### BSC - MATHEMATICS Jun 2015

Kings College London

## EXPERIENCE

### SENIOR SPLUNK ENGINEER Mar 2022- Current

Bank of England

- Collaborated with SMEs and key stakeholders to develop comprehensive business and technical monitoring solutions using Core Splunk and Splunk IT Service Intelligence (ITSI), ensuring alignment with operational requirements.
- Integrated Splunk with Remedy in collaboration with Splunk Professional Services to automate alert management through ITSI Episodes, improving incident response times and operational efficiency.
- Led the design, documentation, and rigorous testing of disaster recovery and resilience strategies for Splunk environments, ensuring minimal downtime and continuity during critical outages.
- Provided ongoing management, support, and maintenance for all Splunk platforms, enabling IT operational monitoring for business-critical infrastructure and applications.
- Developed processes to synchronize configurations across multiple Splunk environments, ensuring consistent deployments and seamless operational continuity.
- Partnered with Operational Acceptance Testers (OAT) and key stakeholders to identify, troubleshoot, and resolve monitoring bugs, delivering fully tested and optimized Splunk monitoring solutions before go-live.
- On-call 24/7 to respond to monitoring system issues, maintaining continuous operation of the monitoring platform and ensuring rapid incident resolution during off-hours.

### SPLUNK ENGINEER Jun 2020- Feb 2022

Bank of England

- Architected and designed Splunk Enterprise environments in collaboration with a small team of engineers and Splunk Professional Services, ensuring scalable and efficient deployments.
- Administered, configured, and built multiple high-security Splunk platforms, including distributed, multisite indexer clusters and search head clusters for robust data analysis and search performance.
- Installed and configured various Splunk applications, technology add-ons (TAs), and integrations, such as Splunk DB Connect, Splunk IT Service Intelligence (ITSI), and other onboarding TAs to extend platform functionality.
- Collaborated with stakeholders and application, infrastructure, and security owners to onboard diverse data sources into Splunk via Universal/Heavy Forwarders, R-Syslog, HTTP Event Collector, and DB Connect, optimizing data flow and visibility.
- Utilized Core Splunk to create actionable insights by developing custom dashboards, reports, alerts, and other knowledge objects to monitor onboarded data and drive operational efficiency.
- Leveraged Splunk ITSI to autonomously monitor business, technical, and service-level operations by building ITSI services, key performance indicators (KPIs), glass tables, and other visual elements to ensure proactive issue detection.
- Took ownership of the Confluence platform to document and maintain processes for configuring and managing Splunk environments, ensuring knowledge sharing and process consistency.
- Partnered with Platform Engineering and Cyber Security teams to design and maintain comprehensive business documentation for system configurations and operations.
- Managed user onboarding processes and handled Role-Based Access Control (RBAC) configurations, ensuring secure and organized user access across the

## SKILLS

- Python
- Machine Learning
- Data Analysis
- Data Visualisation
- SQL
- Splunk Architecture
- Splunk Enterprise
- SPLUNK ITSI
- Splunk Technical Add ons

## CERTIFICATIONS

- AWS Certified Solutions Architect
- AWS Certified Cloud Practitioner
- Splunk Core Certified User
- Splunk Core Certified Power User
- Splunk Core Certified Advanced Power User
- Splunk Core Certified Admin
- Splunk Certified IT Service Intelligence Admin
- Splunk Certified Enterprise Architect
- Splunk Core Certified Consultant
- Datacamp Data Scientist with Python
- uDEMY Java for Complete Beginners

platform

### **CONSULTANT** Apr 2019- Jun 2020

*ECS Consulting (On-Site at Lloyds Banking Group)*

- Engaged as a Splunk Consultant within the Tooling Team to administer, optimize, and introduce enhanced monitoring capabilities across various business units.
- Acted as a Splunk Architect for the Splunk Infrastructure Team, building a pre-production, multi-site, multi-indexer clustered cloud environment using IBM Aurora Data Cloud instances to support robust testing and scalability.
- Led the migration of Lloyds' Payment Monitoring System (PBAM) to Splunk IT Service Intelligence (ITSI), improving real-time visibility and operational efficiency.
- Collaborated with key stakeholders, product owners, developers, and testers to design and implement Splunk monitoring solutions for new API journeys, ensuring seamless integration.
- Developed and optimized a complex Splunk query to calculate API endpoint downtime, replacing an existing SQL script and reducing data processing from millions of rows to thousands, improving performance tenfold.
- Assisted the Group Analytics Team in utilizing Splunk's built-in REST API endpoints to migrate critical logs into a Hadoop-based platform, streamlining data transfer.
- Worked on a large-scale Splunk environment (v7.2.6) comprising a multi-site indexer and search head cluster with over 1,000 forwarders, 26 indexers (ingesting 7+ TB of data daily), and 12 search heads.
- Administered and developed Splunk dashboards, alerts, and reports to monitor APIs using SPL, XML, and regular expressions, providing actionable insights into business operations.
- Provided support and training to users on how to efficiently query and report in Splunk, improving overall platform utilization across teams.
- Troubleshoot and resolved Splunk infrastructure issues, identifying root causes related to architectural and logging challenges to ensure system stability and performance.

### **ASSOCIATE CONSULTANT** Aug 2018- Apr 2019

*ECS Consulting*

- Worked towards becoming a qualified Splunk Architect, gaining hands-on experience in designing and optimizing Splunk environments.
- Collaborated with colleagues to design and build a demo Splunk ITSI environment that leveraged automation, AI, and machine learning to monitor critical banking payment processes.
- Delivered this demo as part of a strategic pitch to key business stakeholders, demonstrating the capabilities of Splunk ITSI in enhancing operational visibility and efficiency for payment systems.
- Played a pivotal role in promoting Splunk ITSI globally, positioning ECS Consulting as a specialist in this emerging market domain.
- Successfully pitched the Splunk ITSI payments solution to Principal Consultants, securing a high-value deal to implement ITSI in two divisions of Lloyds Banking Group (LBG).

### **MATHS TUTOR – LEARN/PRIVATE TUTOR** Oct 2015- Sep 2018

*Private*

- Instructed students in Mathematics from Key Stage 3 (KS3) to A Levels, adapting teaching methods to meet individual learning needs.
- Assessed student performance by marking classwork, homework, and test papers, providing constructive feedback to enhance understanding.
- Developed engaging lesson plans and educational materials to support student learning and foster a positive learning environment.
- Guided students in exam preparation, helping them improve their confidence and performance in mathematics.