

# STEPHEN BROWNSEY

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stephen-brownsey

Brownsey

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## EXPERIENCE

### Senior Cloud and AI Engineer: 4most

July 2025 – Ongoing

London

- Led sales and scoping conversations with clients to understand their pain points and shape their cloud transformation journeys. Specialising in Databricks data migrations that enable scalable, AI-driven solutions with GenAI use cases
- Utilised MLflow within Databricks to streamline ML model tracking, versioning, and deployment. Enhancing model reproducibility and accelerating time-to-production. Built out internal templates with data versioning to enable consultants to easily build auditable ML models suitable for heavily regulated industries
- Won a company AI innovation competition and productionised the MVP into a scalable LLM-driven pipeline that scraped RSS feeds, summarised articles, and distributed tailored insights to users via Databricks Genie API and Teams
- Utilised CRM/Timesheet and CV Data, along with solution above, to reduce internal operations resourcing time from 20+ minutes to seconds by designing and deploying an agentic workflow using Genie and LLMs within a hybrid Databricks/Azure infrastructure utilising Azure AI Search and CoPilot. Improved partner alignment and created a unified client-intelligence platform to drive new business opportunities

### Senior Cloud Engineer: 4most

September 2024 – July 2025

London

- Ran a cloud spending analysis project, outcome involved cutting legacy system costs by 75% through migrating Azure VMs to Databricks serverless compute, streamlining machine learning model deployment and accelerating AI adoption
- Managed setup and cost tracking for a sandbox Databricks environment that was used for running training sessions and developing POCs across the business. Supported the hub and spoke architecture build using IaC (Bicep)
- Supported SAS-to-Python migrations on Databricks, optimising transformation logic and implementing fail-fast schema validation to improve pipeline reliability
- Contributed to CAF, WAF and CCoE strategy discussions with client leadership teams, helping design scalable, secure cloud infrastructure

### Data Science Consultant: 4most

February 2023 – September 2024

London

- Built reusable ML frameworks and coding templates, reducing project onboarding time by 90% and standardising best practices across consulting teams
- Served as AI SME across credit risk and insurance business units, advising clients on ML strategy and delivered POC solutions to demonstrate business value
- Upskilled 100+ consultants in DevOps practices by integrating Husky pre-commit pipelines into development workflows business wide, strengthening code quality controls and standardising engineering practices across teams

### Data Scientist: OMD EMEA

July 2021 – February 2023

London

- Led development of a dash web application leveraging survey data and XGBoost Shapley values for automated campaign planning.
- Drove ML roadmap definition with external stakeholders, delivering clustering-based audience segmentation that increased advertising ROI by 200% and modernised legacy models via Vertex AI which improved average accuracy by 5%

### Data Analyst: iPipeline

June 2020 – July 2021

Bromley, Surrey

### Clinical Statistician and Data Scientist: Glaxo-Smith-Kline

September 2018 – August 2019

Uxbridge, Middlesex

### Software Tester: TCP Lifesystems (acquired by iPipeline)

June 2015 – August 2018 (Part-Time)

Bromley, Surrey

## EDUCATION

BSc Data Science - First Class

University of Warwick

Oct 2016 – June 2020

## TECHNICAL SKILLS

Python SQL R Java

Databricks ML Ops Devops

LLMs RAG Genie

Azure Cloud GCP AWS

## PERSONAL

- Used GCPs Cloud functions and BigQuery to continually scrape and store over 500 million rows of price data for time series analysis
- Containerised the above system and deployed it on a dedicated Hetzner server for cost-efficient hosting, using PostgreSQL for persistent storage and a FastAPI-based service to serve optimised in-game price predictions. Built a Discord bot interface allowing users to query trade opportunities based on available capital, and am extending the system toward automated trading via ingame bots

## TRAINING & CERTS

 Databricks Certified  
Generative AI Engineer  
Associate

 NVIDIA Rapid Application  
Development using LLMs

 AWS Cloud Practioner

 Azure Fundamentals

 ISTQB Software Tester

## REFEREES

- References available on request.