<LJ></P> LOTTIE JANE POLLARD

JUNIOR DATA ENGINEER

📞 07817 023 920

✉️ lottiejanepollard@gmail.com

📍 Bristol, UK

👤 linkedin.com/in/LottieJaneDev

🐙 github.com/LottieJaneDev

SKILLS

SOFTWARE

VS Code | PyCharm | MySQL | Google CoLab
Jupyter Notebooks | AWS | Docker | APIs
PostgreSQL | GitHub | CLI

TECHNOLOGY

Python | SQL | Git | JavaScript | HTML | CSS
MarkDown | Pandas | NumPy | MatPlotLib
Seaborn | SciKit | Bash | Cloud Concepts

STRATEGY

Data Driven Value & Insights | Agile | Scrum
Documentation | DevOps | Cloud Computing

BUSINESS

RevOps | Business Development | Sales CRM
Business Management | Marketing
Accounting | Product Development
Tenders & PQQs | Quality Management
Systems | Contract Management | Project
Mobilisation & Logistics

CERTIFICATIONS

**Data Tech Degree
(Rolls Royce Defence Sponsored)**
Code First Girls Feb – June 2023
Grade – Merit

Intro to DevOps & Docker
Code First Girls June 2023

IBM ~ Intro to Cloud Computing
IBM Via Coursera Oct – Dec 2022
Grade ~ 96% ~ Distinction

PROFESSIONAL SUMMARY

Highly adaptable career-switcher with an extensive proven arsenal of diverse transferable skills.

A valued member of any team. An efficient & innovative problem solver, effective communicator. Honour & accountability. Diversity, integrity & adaptability. Highly motivated & driven to succeed. Forward-thinking actively involved team member with strong leadership skills.

EXPERIENCE

Data Tech Degree Intern | Code First Girls (Sponsored by Rolls Royce)

Bristol | February – June 2023

Chosen as 1 of 15 applicants from 3,000 by Rolls Royce Defence to receive their sponsorship to undertake the Data Degree with Code First Girls, over 14 weeks, I learnt the below concepts:

- ➢ Foundations of Data Management | SQL | MySQL
- ➢ Python Programming & Programming Principles | PyCharm | OOP
  - o Exceptions | Debugging | Unit Testing | Regex | Lambda
- ➢ Command Line Interface
- ➢ Flask Framework | APIs & DB Integrations
- ➢ Time-Space Complexity | Data Structures & Algorithms
- ➢ Process Flow Design | Software Development Lifecycle
- ➢ Intro to Agile & Scrum Methodologies
- ➢ Intro to Power BI | Tableau | Jira
- ➢ Data Cleansing & Transformation | Exploratory Data Analysis
  - o Jupyter Notebooks | Google CoLab
- ➢ Analytical Libraries & Packages | Data Visualisation:
  - o Pandas | NumPy | Seaborn | MatPlotLib | SciKit
- ➢ Scientific Data Processes:
  - o Data Modelling, Predictive Modelling & Evaluation
- ➢ Intro to AWS Cloud & Deployment
- ➢ Intro to DevOps & Docker

I graduated with Merit, this year, in June '23. Whilst Rolls Royce Defence were originally due to onboard students as Junior Data Engineers upon graduation, unfortunately, due to their recent internal struggles, these positions are no longer available. Students have been offered alternative roles, I, Programme Lead, working in their Future Programmes Department on the 6th Generation Fighter Jet, Project Tempest. Whilst this is a great opportunity, I feel it doesn't align with my current aspirations or technical abilities.

<LJ></P>

LOTTIE JANE POLLARD

JUNIOR DATA ENGINEER

CERTIFICATIONS

Python & Apps (BAE Systems)
Code First Girls **Oct – Dec 2022**
Grade ~ Distinction
(Awarded 'Highly Commended
Candidate')

Data Engineering Foundations
Linked In Learning Jan 2023

Scrum: The Basics
Linked In Learning Jan 2023

EDUCATION

**Data Engineering Essentials
SQL, Python & PySpark**
Udemy
July 2023 – Ongoing

Data Engineering ZoomCamp
DataTalksClub
July 2023 – Ongoing

JavaScript, CSS, HTML
Treehouse Learning
August 2022

Level 2 & 3 Dog Grooming
City & Guilds Via Heavenlyz
Grade ~ Distinction
January – June 2016

ILEX Legal Secretary | Pre-Law Studies
City of Bristol College
Grade - Distinction
2004 - 2005

Downend Technology College
Secondary Education
Various Grades ~ Available on request
1999 - 2004

INTERESTS & ASPIRATIONS

Aspiring Data Engineer, possessing unique all round business knowledge, transferable to the field to bring a fresh look at DE teams & how they interact & grow with other departments to bring even more value from a data driven approach.

I am deeply passionate about data engineering and aspire to become a skilled data engineer. The field of data engineering excites me because it allows me to work end to end with the data, providing fast, reliable, scalable solutions before serving to colleagues for analysis.

My enthusiasm for this discipline is evident in my dedication and constant pursuit of knowledge. I am driven to acquire the necessary skills to excel in this role. To be an effective data engineer, I understand the importance of programming languages such as Python, Java, or Scala, as well as a comprehensive understanding of database management systems like SQL.

Mastering data modelling, ETL processes, data pipelines & data warehousing concepts is essential for me. Additionally, I recognise the significance of big data frameworks like Hadoop and Spark, as well as cloud platforms such as AWS or Azure, in handling large-scale data processing. I am committed to developing further on my strong analytical and problem-solving abilities within a data team, as well as optimising and fine-tuning my performance. With my passion and the acquisition of these skills, under the right mentorship, I am confident that I will become a proficient and successful data engineer.

TRANSFERABLE SKILLS

Transferrable Skills, Qualities & Attributes:

| **LEADERSHIP & MANAGEMENT** | **PROCESS STREAMLINING** |

| **RESEARCH & DEVELOPMENT** | **AGILITY & ADAPTABILITY** |

| **DIVERSITY** | **INTEGRITY & ACCOUNTABILITY** | **TEAM PLAYER** |

| **EFFECTIVE & RELIABLE COMMUNICATOR** | **ATTENTION TO DETAIL** |

<LJ></P> LOTTIE JANE POLLARD
JUNIOR DATA ENGINEER

PROJECTS

'Exploratory Analysis of the Social Impact of Airbnb in London Boroughs: Does Airbnb Have a Measurable Influence on Recorded Crime?' | June 23

- *Exploratory Data Analysis*
- *Data Cleansing & Transformation*
- *API & Python Scripting*
- *Data Visualisation & Reporting*
- *Git | Presenting*

Pokémon API Top Trumps Game Python Programming | Nov 22

- *Written in Python using PyCharm*
- *Using the Pokémon API*
- *Console Based Game*
- *Multi-Round | Score Logging*
- *Git Version Control*

YouTube Clone | Oct 22

- *HTML & CSS YouTube Clone*

JavaScript Electronic Drum Kit | Dec 22

- *HTML, CSS & JavaScript*
- *Web Based Electronic Drum Kit*

*See GitHub Repositories for projects

EXPERIENCE (CONTINUED)

Revenue Operations (RevOps) | The Great Outdoor Gym Co. | London | 2013 – 2015

- Customer Relationship & Supplier Relationship Management
- Project Management – Site Visits & Installation Assessments
- Supply Chain Management – Manufacturer Standards & Quality Control
- Marketing Strategy Collaboration – Campaign Generation Campaign Implementation & Market / Product Benefit Research
- Product Specification & Industry Standard Specification R&D
- Product Exhibitions inc. Grand Designs Live (Green Hero's Award)

Business Owner | Elite Grooming Parlour | Bristol | 2016 – 2022

- Sole founder of a start-up SME with an annual turnover of £65k
- High-End Dog Grooming Salon employing four staff (inc. apprentices)
- Leadership, Employee Development, Human Resources & Accounting
- Cost-Benefit Analysis, Forecasting, Reporting & Payroll
- Customer Service, Quality Management, Training Provider
- Brand & Reputation Building, social media & Marketing

Mears Group Plc | Branch Management & Tender Support |Bristol | 2012 – 2013

- Assisting the Business Development Team in the collation of PQQs & Tender Submissions Branch Management: Responsible for Internal Policy Compliance inc. Health & Safety both internally & externally. Warehouse Safety Audits & Maintaining Branch Safety Files.
- Human Resources, Fleet Management, Payroll & Expenses, On-Boarding inc. Company Inductions
- Branch Communication inc. Cascades, Event Publicity, Newsletters
- Management of Branch Databases Including Training, Plant & Equipment, Supplier Contracts & Quality Audits

Merlin Housing | Contract Manager | Bristol | 2011 – 2012

- Social Housing Provider – within the Improvements Team
- I worked to deliver a large scale, County wide Window & Door Upgrade/Replacement Programme across South Gloucestershire
- Contract Management – Complex Logistical Planning
- Project Operational Comms – Client & Supplier focused
- Stock & Quality Control – Fault Logging – Identifying Areas of Concern
- Operational Reporting Meetings – Profit/Loss – Target/Performance

LEARNING & DEVELOPMENT

Current Reading:

'Learn Python 3 the Hard Way – A Very Simple Introduction to the Terrifyingly Beautiful World of Computers & Code'
Author – Zed A. Shaw

'Fundamentals of Data Engineering – Plan & Build Robust Data Systems'
Authors ~ Joe Reis & Matt Housley

'The Pragmatic Programmer – Your Journey to Mastery'
20th Anniversary Edition
Authors ~ David Thomas & Andrew Hunt

HOBBIES, INTERESTS & CAUSES

◆ *Bridging the gender gap in tech*

◆ *Embracing the Future of Cloud Computing*

◆ *Driving Sustainable & Ethical Technological Innovation*

◆ *Enjoying outdoor adventures such as dog walks, wild camping, hiking & snow sports*

◆ *Advocating for nature, environmental causes & animal rights*

EXPERIENCE (CONTINUED)

Shield Services Group | Bristol | 2005 – 2011

➢ *Asbestos Surveying Division Key Account Co-ordinator:*

- Contract & Service Level Agreement Negotiation with Mears Group
- Project Mobilization, Project Management
- Three Day Order to Delivery Turnaround
- Overseeing delivery of SLA, monitoring / reporting of KPIs

➢ *Thermal Insulation Division Co-ordinator & Trainee Estimator:*

- CSCS Site Supervisor – Health & Safety Management
- Risk Assessments, Method Statements & COSSH
- Trainee Estimator – Scaling Off Schematic Designs A0/A1 Scale
- Project Quotations/Estimations – PQQs & Tender Support
- Department Accounting – Profit/Loss Reporting, Purchase Ordering
- CRM & Supplier Account Management

➢ *Asbestos Surveying Division Co-ordinator & Deputy Quality Manager:*

- ISO 9000 (International Organisation for Standardisation)
- Quality Management Systems & UKAS 17020 Accreditations
- Responsible for the adherence to & audit preparation for inspections
- Working with the Head of the Division to ensure smooth daily operation of the department.
- Manager of Divisions Admin Team inc. Staff Reviews
- Department HR, Fleet, Training & Safety Compliance