

LEANNE GOLDSMITH

Aspiring Data Engineer

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PROFESSIONAL SUMMARY

Aspiring Data Engineer transitioning from front-end development, with experience in APIs, cloud services (AWS/Azure), Python, SQL and automation. Network+ and Security+ certified, with a proven ability to work with real-time data, optimise workflows, and maintain reliable system and data flows. Now focused on building scalable, cloud-based data pipelines.

SKILLS

Cloud & Technical Skills: AWS Services (Lambda, S3, API Gateway, CloudWatch, Glue basics) | Azure | Python | SQL | Bash | Terraform | GitHub Actions | CI/CD pipelines | API monitoring & integration | Event-driven architectures | Data ingestion & transformation | KQL | Automation scripting | Networking fundamentals | Front-end development

Core Competencies: Analytical thinking | Problem-solving | Collaboration | Adaptability | Resilience | Clear communication

CERTIFICATIONS

[CompTIA Network+ \(Completed July 2025\)](#) | [CompTIA Security+ \(Completed September 2025\)](#)

PROJECTS & LABS

[AWS Serverless Chatbot - Data Pipeline & Cloud Integration](#)

- Created and deployed an AI chatbot system using AWS Titan Express AI.
- Designed a serverless architecture using Lambda, S3, API Gateway, Bedrock, CloudFront, and CloudWatch.
- Built event-driven workflows and logging pipelines to capture user interactions and system metrics.
- Integrated the chatbot into a live front-end application to enable real-time user interactions.

Relevant to data engineering: API ingestion, event logs, serverless data flow, monitoring, and scalable cloud design.

[Azure Honeypot & Threat Telemetry Pipeline](#)

- Deployed a honeypot VM and ingested attacker telemetry into Microsoft Sentinel.
- Built dashboards and automated alerts to analyse behavioural patterns and anomalies.

Relevant to data engineering: data ingestion, log processing, query writing in KQL, and monitoring pipelines.

WORK EXPERIENCE

Wavemaker, United Kingdom

Front-End Developer

October 2022 – May 2025

- Built highly optimised, responsive applications, integrating and displaying real-time data from multiple APIs.
- Developed and maintained user-facing applications using HTML, CSS and JavaScript across 10+ live projects, improving performance and accessibility.
- Automated development workflows using Python and JavaScript, reducing manual workload and improving data consistency.
- Collaborated with technical and data teams to troubleshoot issues and ensure reliable data flow between systems.
- Improved application reliability through proactive monitoring, debugging, secure coding practices, and detailed documentation.

Addressable Manager (Data-Driven Marketing)

October 2021 – June 2024

- Managed and optimised 12–15 dynamic data feeds, ensuring accurate ingestion, transformation, and delivery for targeted campaigns.
- Worked with cross-functional data, analytics, and engineering teams to ensure pipelines ran reliably at scale.
- Built custom HTML/JS templates fed by structured data sources for personalisation.
- Delivered data-driven solutions aligned to client KPIs, enhancing segmentation and targeting accuracy.

Precision Manager Paid Social (Data-Heavy Role)

August 2019 – September 2021

- Owned large-scale campaign data pipelines with budgets from £500k to £10m.
- Optimised audience targeting frameworks using structured data and multichannel datasets.
- Used analytics and data insights to improve performance and influence strategic decisions.

APIDNA, Luxembourg (Remote)

Front-End Developer (Intern)

May 2024 – August 2024

- Integrated front-end systems with multiple APIs, ensuring accurate and stable data flow.
- Implemented validation and error handling to improve data quality across user submissions.
- Conducted testing to identify data inconsistencies and escalate technical issues early.

EDUCATION

University of Hertfordshire

September 2013 – July 2016

BA Hons, Marketing with Advertising, 2:1