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**Profile:**

Proven analytical thinker and problem solver, having worked at Confluent and a data-streaming startup. I create data pipelines for tech companies to use in order to showcase their products. In this work I have connected APIs with high throughput to databases using Apache Kafka, afterwards querying the database for insights. In this fast-paced industry I am always learning and expanding my skill set.

**Skills:**

* **Technical:** Proficientin Python, Apache Kafka, Git + Github, SQL, Knowledge of CI/CD processes, JIRA Confluence
* **Soft Skills:** Strong analytical skills, excellent communication, team collaboration and quick learning ability.

**Relevant Work Experience:**

*Confluent: Software Engineer, Jan 2023 – Jan 2024:*

* Learnt Kafka fundamentals in order to create sample applications and solve community member issues.
* Improved sample applications for [courses](https://developer.confluent.io/courses/" \l "fundamentals) such as ‘Kafka 101’, ‘Streaming 101’, ‘Apache Kafka for Python Developers’.
* Followed software development life cycle through **JIRA** and created pages within **Confluence** to explain technical content.
* Monitored site metrics with Tableau.

*Freelance, June 2024 – Present:*

* Producing data pipelines for data streaming companies demonstrating strengths of their products. Independent use of APIs, documentation. Most recent project includes data encryption and decryption. Current project utilises data transformation.
* Utilised **Docker** in order to automate the service deployments for data pipelines. Monitored services via service logs.
* Created and maintained **Postgres** database for persisting data.

*Quix: Developer Educator, April 2024 – June 2024:*

* Wrote a [technical blog](https://www.quix.io/blog/clickstream-analytics-creating-a-heat-map-for-an-ecommerce-website) explaining a data streaming pipeline tutorial.
* On-boarded with **DataDog** and **Kubernetes** within infrastructure team.
* Audited and fixed Quix’s applications utilising Python, **GitHub** and **GitHub Actions.**

**Coding Projects:**

* Newsle: A Full Stack Wordle spin off, where players unscramble and figure out the day’s headline. Frontend: **Javascript HTML/CSS,** Back-end **API**: **AWS, Python Flask, JSON. Utilised Git Version Control.**
* MDTC Leader board: A data pipeline which tracks train delays via National Rail API and crowns the current winner measured by total delayed trains, updated every minute. Leader board generated through complex queries.

**Education:**

**Udemy Python Bootcamp (May 2021 - Sep 2021)**

* Self-taught programming skills, demonstrating my passion for continuous learning and adaptation.

**King’s College London - MA in Philosophy (2016 – 2017); The University of Nottingham – BA Philosophy and Theology (2013 – 2016)**

* First class Bachelor’s degree. First class Master’s dissertation, 90th percentile in Formal Logic, 90th percentile in ‘Reasoning and Argument’. Honed my critical reasoning skills through both degrees.