[jackfrancismurphy@outlook.com](mailto:jackfrancismurphy@outlook.com)

https://www.linkedin.com/in/jack-francis-murphy/

**Profile:**

Proven analytical thinker and problem solver with experience in both a Silicon Valley data-streaming tech company, and Python-focused data-streaming startup. I create and improve materials for teaching data streaming technologies such as Apache Kafka. I do this by writing tutorials and refining existing materials. In this fast-paced industry I am always learning and expanding my skill set.

**Skills:**

* **Technical:** Proficientin C#, Python, JavaScript (incl. React), HTML, CSS, Git, SQL, NET. Knowledge of CI/CD processes, API.
* **Soft Skills:** Strong analytical skills, excellent communication, team collaboration and quick learning ability.

**Relevant Work Experience:**

*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.
* Contributed pages to docs (e.g [Vector Databases](https://quix.io/docs/integrations/vector-databases/overview.html)) utilising mkdocs, Git and GitHub Actions.
* Audited and fixed Quix’s code samples, tutorials and documentation where necessary.

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

* Worked within multi-disciplinary global team, self taught Java and .NET to order to improve Getting Started [guides](https://developer.confluent.io/get-started/java/) and courses.
* Improved sample applications for [courses](https://developer.confluent.io/courses/" \l "fundamentals) such as Kafka 101, Streaming 101, Apache Kafka for Python Developers. Identified bugs and worked cross-team in order to patch them.
* Optimised [demos](https://github.com/confluentinc/demo-scene/tree/master/confluent-ais-demo) utilising Python, Linux, APIs and Confluent Cloud.

**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**: **Python Flask, JSON. Utilised Git Version Control.**
* 20 Questions: A game written in **C#** which has you guess various figures from pre-defined properties. Utilises **JSON** and **SQL**.

**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.