

Siobhán Loughman Sabino

siobhansabino.com • contact@siobhansabino.com

Skills

- *Programming*: Cypher, Java, Kotlin, Python, Scala, SQL, Typescript
 - *Databases*: Postgres, Redshift, S3; document, graph, key/value, relational, warehouse
 - *Systems*: Airflow, Avro, AWS, Datadog, GitHub Actions, GitLab CI, Kafka, Jenkins, Terraform
-

Experience

Data Engineer, Staff 2023–2023

Unite Us, *New York, NY* (remote)

- Designed evolution of company-wide data platform including data streaming, warehousing, cataloging, monitoring, IaC, and CI/CD to reduce incidents and raise data product quality
- Improved data centric designs by collaborating with other teams and engineers
- Participated in architecture review committee and engineering leadership guild
- Published weekly internal posts on data engineering, architecture, data literacy, and IaC
- Interviewed cross functional stakeholders to ensure their concerns were acted on
- Established standards for data engineering on call runbooks, monitors, and dashboards

Data Engineer, Senior 2021–2022

Webflow, *San Francisco, CA* (remote)

- Architected company-wide data platform including data streaming and warehousing
- Participated in architecture review committee, on call guild, and backend guild
- Published weekly internal posts on data engineering, architecture, data literacy, and IaC
- Interviewed cross functional stakeholders to ensure their concerns were acted on
- Improved internal dashboards for better data literacy and on call experience across teams
- Mentored engineers and presented at public meetups on behalf of company

Data Engineer, Senior → Staff 2017–2021

GameChanger, *New York, NY*

- Architected and implemented new data pipeline while maintaining existing one, bringing down incidents and increasing velocity and volume of data captured
- Maintained and improved data warehouse for better storage and more secure access
- Standardized infrastructure for consistency and cross functional team understanding
- Led initiatives to adopt serverless technology, especially around Kafka and Airflow
- Automated manual processes such as creating SQL tables from Avro schemas
- Led learning groups on topics including Kafka, Scala, and functional programming

Siobhán Loughman Sabino

siobhansabino.com • contact@siobhansabino.com

- Presented company wide trainings on topics including relational modeling, graph modeling, data pipelines, programming paradigms, and data engineering
- Published multiple public technical posts (tech.gc.com) on automation and architecture
- Worked on DEI initiatives including improving job descriptions and recruiting
- Mentored engineers and contributed to company culture-based goals

Software Engineer, Midlevel → Senior

2013–2017

Lifion by ADP, New York, NY

- Designed and implemented
 - HR-centric data models utilizing graphs and hypergraphs
 - metadata driven, graph-based microservices and data stores
 - temporal and bitemporal microservices and data stores for auditing
 - legacy-to-graph and relational-to-graph ETL tools using Spark
- Created graph database interfaces to sit on top of non graph databases
- Filed numerous patents for new innovations (siobhansabino.com/patents)
- Acted as interim scrum master overseeing ceremonies, sprints, etc

Software Engineer

2012–2013

Virtusa, Boston, MA (remote)

- Modeled and implemented data warehouse designs with custom ETL jobs

Researcher

2009–2011

The College of New Jersey, Ewing, NJ

- Refactored and extended CMS used to teach journalism and computer science
- Mentored middle schoolers on computer science and software engineering

Education

Bachelors of Science, Computer Science

2008–2012

The College of New Jersey, Ewing, NJ

Semester Abroad, French as a Foreign Language

2011–2012

Université Blaise Pascal, Clermont-Ferrand, France