

Randall Brown

Data Engineer - Finance Tech at MUFG

516-401-2091

rjbrown.dev@outlook.com

WORK EXPERIENCE

Data Engineer - Finance Tech at MUFG (Mitsubishi UFJ Financial Group)

December 2025 — Present | Jersey City, NJ (Hybrid)

- Created the testing plan for Informatica on-premise to cloud migration and tracking tools supporting over 450 cases, monitoring configuration and data flow issues.
- Coordinated AutoSys environment synchronization with key stakeholders, removing over 1,000 production jobs before scheduled system upgrades to reduce load.
- Drove OFSAA and OBIEE change management processes and alignment across several teams, reducing delays by 20% in standard production deployments.

Data Engineer at York Solutions - Emerging Talent Program (2025)

September 2025 — December 2025 | Brooklyn Park, MN (Remote)

- Built ETL pipelines processing inventory, e-commerce, and government datasets, implementing SQL optimizations to reduce pipeline execution time by 70%.
- Used data modeling techniques to build storage optimized architecture POC's, supporting downstream OLAP systems and PowerBI dashboards.

UX Researcher at Robin Hood - Blue Ridge Labs Summer Resident (2025)

June 2025 — August 2025 | New York, NY

- Built a web-based feedback campaign for NYC educators and students, driving community outreach and insights that accelerated the project by 6 months.
- Optimized front-end performance, reducing page load times by 35% through code refactoring, DNS configuration, and asset compression.

Level II Support - Client Operations at TTEC

January 2024 — December 2025 | New York, NY (Remote)

- Communicated best practices for using internal web applications across several teams, leading to a 40% reduction in issue resolution time and saving over \$2M in service level penalty payouts.
- Maintained documentation for job aids and reported unexpected behaviors in user workflows, meeting client service requirements for accurate logging.

Data Entry Clerk at Chinese-American Planning Council

June 2023 — October 2023 — Contract | New York, NY

- Resolved thousands of discrepancies during the migration period, resulting in 100% audit compliance for file management and storage of PII.
- Recorded accurate data for settlement grants, NOEP, and Access Health programs using best practices.

VOLUNTEERING

Software Engineer at 100Devs

June 2024 — Present | Los Angeles, CA (Remote)

- Created an interactive mini project series teaching web development fundamentals. Modules cover HTML, CSS, JavaScript, and asynchronous programming with API's.

Data Engineer at Abena DMS

November 2025 — May 2026 | Jersey City, NJ (Remote)

- Drove MTSS data modeling in collaboration with business, education and research stakeholders. Built a custom ingestion job and ELT pipeline from OLTP to BigQuery.

SKILLS

Languages

SQL
Python
JavaScript
TypeScript
Bash

Cloud Infrastructure

AWS
GCP
Oracle
Docker
Kubernetes

Tech Stack

Informatica (IICS)
AutoSys
OFSAA (FTP/PFT)
Flask
Jinja2
FastAPI
ReactJS
NextJS
NodeJS (Express)

Data Engineering

Data Modeling
ETL/ELT Pipelines
Data Visualization

Web Development

Hexagonal Architecture
MVC Architecture
UX Research

