

Kimberly O'Neill

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Professional Experience:

Reliance Matrix — Developer / Analyst Sr.

June 2025 – Current

- Led CI/CD pipeline rollout using Azure DevOps YAML and containerized steps to automate deployments across dev, QA, UAT, and production, improving reliability and rollback safety.
- Built a backend identity and payments service with Python and REST APIs to unify claimant records, prevent duplicate payments, and securely orchestrate Citi payments.
- Developed Python services integrating Salesforce with Ushur, including data transformation, validation, retries, and error handling for reliable customer workflows.
- Implemented long-running API-driven background processes with pagination, rate-limit handling, and partial-failure recovery to improve resilience under high-volume loads.
- Automated cloud-adjacent tasks with Python scripts for scheduled jobs, environment configuration, and operational processes, applying containerization concepts for consistency.
- Provided technical leadership on Email-to-Case automation by reviewing Python and Apex code, guiding architecture, and overseeing production deployment with focus on maintainability and monitoring.

Macquarie — Senior Associate

Aug 2021 – June 2025

- Built a Python data integration pipeline to ingest, validate, and sync financial product data into Salesforce, eliminating 30+ hours of manual work per month.
- Created Python workflows for large-scale data transformation with logging, retries, and failure handling to ensure reliable upstream and downstream systems.
- Authored Python automation scripts for AWS tasks, including S3 asset management, EC2 snapshots, and CloudWatch alarms to improve observability and resilience.
- Developed scalable backend services and UI components with Apex and JavaScript (Lightning Web Components) for regulated financial services operations.
- Managed and enhanced CI/CD pipelines using Git workflows and automated deployments, supporting frequent, auditable releases.
- Modernized a legacy Salesforce org to OmniStudio, migrating to modular, metadata-driven workflows to improve maintainability, scalability, and compliance.

Projects:

SpaceTraders — Python · FastAPI · Next.js · SQL · Docker

- Built a production-style backend using Python and FastAPI, modeling markets and navigation through a clean, extensible domain architecture.
- Implemented data ingestion and transformation pipelines integrating with an external API, supporting trading and routing algorithms driven by live market data.
- Delivered a server-rendered Next.js dashboard (SSR/ISR) and containerized services with Docker for consistent local development and deployment.

Salesforce Document Downloader — Python · Django · REST APIs · SQL

- Built a high-throughput Python service to retrieve large volumes of records and documents via REST APIs with pagination, retries, and failure recovery.
- Designed background processing workflows to stream files, validate payload integrity, and handle rate limits and partial failures.
- Added a Django-based monitoring UI to track long-running jobs, improving operational visibility and debuggability.
- Implemented structured logging and clear failure states, improving system transparency and operational confidence.

Education:

Bachelor of Science in Software Engineering

Minor in Criminal Justice · Shippensburg University · ABET Accreditation · May 2021

Technical Skills:

Python | Salesforce | SQL | Next.js | React | Java | JavaScript | HTML | Apex | Django | Agile Development | Git | CI/CD | DevOps | FastAPI | API Integration | Lightning Web Components | AWS | Docker | Kubernetes