

Iven Yang

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github.com/iven-yang

PROFESSIONAL

Millennium Management – Systematic Operations Engineer (June 2021-Present)

Developed internal software and systems for systematic trading space.
This includes live order monitoring, live/historical metrics calculation, and various microservices.
Ingestion and processing of millions of orders per day, using Apache Kafka and TimescaleDB.
Automated deployment/testing of multiple microservices and tools with Ansible and Jenkins.
Visualized data with Kafka Connect and ELK Stack.
(Python3, Go, Kafka, Ansible, PostgreSQL, Git)

Bank of New York Mellon – Software Developer (June 2018 - June 2021)

Collaborated with team of 3 to develop and design an internal order execution service, including a web api and a parallel worker backend, with disaster recovery implemented. Application was deployed in internal cloud environment. Developed a CI/CD development pipeline managed by Jenkins.
Possible orders include provisioning products/applications as well as ordering automated tasks such as database failover.

Lead Developer - Jan 2020

Led team in adding new features to our main service and deploying other microservices with Ansible.
Transitioned to deploying Docker images instead of directly deploying our applications to cloud.
(Python3, SQL, Ansible, Docker, Jenkins, Git)

Opentext– Software Developer Internship (May 2017 - May 2018)

Collaborated with team of 4 to develop an Automation Framework in Python.
This framework was used to create and maintain automated tasks and tests, which would be run in nightly regression using Jenkins and VCloud.
300+ regression tests and tasks were migrated/written using new framework.
(Python3, Jenkins, SVN, Windows)

PERSONAL

GitHub github.com/iven-yang

Website <http://iven-yang.github.io>

Tech Stack

Python 3 – Go – Kafka – PostgreSQL – Ansible – Jenkins – Docker – Linux

EDUCATION

New York University, 2014 - 2018

B.S. in Computer Science Minor – Applied Physics