

Iven Yang

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github.com/iven-yang

PROFESSIONAL

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

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

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

Developed and designed an order execution service, including a web api and a parallel worker backend. Application was deployed in a cloud environment with high availability. 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. Application has served hundreds of thousands of orders to date.
(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