Li Dai

Data Platform Engineer



Personal Info

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Personal site

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LinkedIn

www.linkedin.com/in/li-dai-vet



Skills

Product Management

Leadership

Agile Development

Cloud Computing

Software Development Life Cycle

Java

Python 3

SQL

HTML / CSS

CI/CD

Performance and scalability optimization

Troubleshooting and debugging

Time & Space Complexity



Software

Jira

Confluence

Trello

Kanban

SSH

IntelliJ

Mac OS

Linux

MS Office

Docker

Git

Airflow

Spring Boot & Batch

Kafka

Snowflake

RabbitMQ



Experience

Jul 2019 - Founder & Tech Lead

present

ESFE

- Recruited 20 people to voluntarily work ESFE projects
- Set up infrastructures on AWS for app development
- Set up Trello/JIRA board to follow agile development
- Designed app architecture including mobile, server, and database
- Conducted scrum meetings, wrote product roadmaps, and set deadlines
- Interviewed potential clients about feedbacks and product features
- Implemented and hosted static s3 websites using HTML / CSS
- https://nycesfe.com/

Feb 2019 -

Data Platform Engineer

present White Ops

- Built and maintained platforms that process 1 billion messages per day
- Developed integration tests for multiple applications in docker containers
- Implemented decompression and compression to reduce throughput by 80%
- Tested applications on AWS in linux system with tools rabbitMQ, Kafka, and Locust
- Implemented metric and health system in existing applications
- Customized and rewrote Kafka producer to better fit team needs
- · Weekly deployment of application using CI process on gitlab
- Implemented application dead letter queues sending to AWS S3

Jan 2018 -

Associate Software Engineer

Feb 2019 Fidelity Investments

- Converted relational data to RDF linked data using protege, graphDB
- · Migrated current batch jobs to AWS
- Re-designed and developed existing Java Spring Batch process to correct reoccurring process failures
- Acted as release captain to coordinate and perform scheduled software releases
- · Maintained and monitored existing linux servers and file systems
- Designed and implemented algorithm for group level Hackathon in Java
- · Decommissioned unused codes
- Manipulated meta data on Oracle database to test existing batch process
- · Obtained AWS certification 2 months after knowing our team's cloud movement

Education

Sep 2015 -

Queens College CUNY

Aug 2017

MA Computer Science, GPA 3.64/4.0

Jun 2015

Queens College CUNY

BA Applied Mathematics & Psychology



Projects

Personal Site: www.lidaivet.com

- Restructured a free html template into a Python Flask template and separated all text into a separate python file for easier modification
- Utilized AWS services including :EC2, S3, ELB, Elastic Beanstalk,
 CodeCommit, and AWS CLI to host and deploy the build



Certificates

Aug 2017

AWS Certified Developer - Associate (June 2018)