

## Wong Jiang Fung DevOps Engineer

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#### Career Objective

To build a solid engineering foundation for teams who have the ambition and resolve to bring the best product to the market.

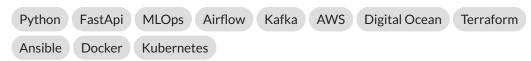
#### Work Experience

Director of Engineering Leadbook Pte. Ltd.

https://www.leadbook.com

March 2021 - June 2023

- Spearhead the DevOps process
  - Move legacy infrastructure management to IaC.
  - Implement proper CI/CD workflows to improve engineering productivity.
  - Containerize all projects and migrate the backend from VMs to DOKS, to cut the infra cost by around 50%.
- Re-architect strategic backend components to make them performant, scalable and HA.
- Lead the team to revamp the platform to meet new product requirements due to a business model pivot.



#### DevOps Consultant

Consulting Work

https://tech.kakarukeys.quest

December 2014 - Present

I have done several short-term projects with local companies in Singapore. Notable ones:

- 1. Develop a model serving platform for a healthcare AI startup that targets major insurance providers and private hospitals in Singapore.
  - Convert numpy, pandas data transformation code from data scientists' notebooks into readable and performant code for production.
  - Set up Jenkins for MLOps automations including rollout of new model binaries, and deployment of new data pipelines.
- 2. Work on the observability stack of an ESG consulting company.
  - Set up Prometheus and Grafana monitoring stack on k8s.
  - Troubleshoot missing logs problems in their log aggregation setup.
  - Set up EFK stack for log aggregation.
  - Optimization of cloud expenses.



#### Tech Lead

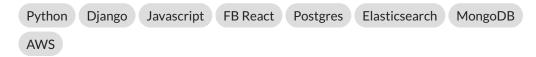
Leadbook Pte. Ltd.

https://www.leadbook.com

January 2016 - October 2017

Leadbook is a lead generation platform that provides verified business contacts to sales & marketing teams worldwide.

- Launch a new subscription-based SaaS platform to the market.
- Build the essential components required for the product
  - Multi-tenant account management
  - Credit card payment and subscription
  - Marketing automation
  - CRM integration
- Hire experienced engineers and manage a tech team.
- Liaise with the product owner to create a product backlog from business requirements and do story prioritization.



#### Senior Software Developer

Intelligentpipe Pte. Ltd.

https://www.intelligentpipe.com

December 2012 - November 2014

Intelligentpipe provides the telecommunication industry a network asset management solution based on in-memory big data technology. The solution helps the users monitor their assets, comply with government regulations, and monetize their customer data appropriately.

- Create proof-of-concept demos for pre-sales purposes.
- Maintain the CI/CD workflows that integrate and deploy POC continuously on AWS.
- Create and maintain the process to bootstrap bare-metal environments and deploy the final product.



### Software Engineer JamiQ Pte. Ltd.

https://jamiq.com

*July 2010 - October 2012* 

JamiQ was a social media monitoring company that served the Singapore government, local telcos, and PR agencies, which started to discover social media's impact on their brands.

- Designed and maintain the core product's web frontend.
- Created an algorithm to monitor anomalies in the users' social media data stream and uncover any changes in the public's sentiment on their brands.
- Developed a new real-time stream processing backend to process voluminous social media data in a scalable and fault-tolerant way.



# Skillsets Prog. Languages Python: 12 yrs Postgres: 8 yrs Javascript: 7 yrs Elasticsearh: 4 yrs Go: 2 yrs Kafka: 2 yrs Others: Scala, Clojure. Others: MongoDB, Redis, SQLite, MySQL.

#### DevOps

• Linux: 10 yrs

• AWS: 6 yrs

• Kubernetes: 3 yrs

Others: GCP, DO, Terraform, Ansible, CI/CD tools, Prometheus, EFK

#### Technical Leadership

#### Experienced in

- SCRUM, Scrumban, Kanban
- Planning and organizing product backlog
- Communicating business and design requirements
- Tech recruitment
- System design

#### Education

#### National University of Singapore

Bachelor of Science, Second Class Honours, Physics.

Jul 1999 - Dec 2003

CAP: 3.96 / 5

Master of Science, Physics

Jan 2005 - Dec 2007

CAP: 4.5 / 5

#### Conferences

#### PyCon APAC 2010

A Predictive Text Completion Software in Python, Wong Jiang Fung

https://web.archive.org/web/20100901115101/http://pycon.sit.rp.sg/conference-1

#### **Certificates**

#### Certified Kubernetes Administrator (CKA)

18/07/2023, KodeKloud

https://ude.my/UC-71e076e9-d608-43bf-ab62-b49fa9565083

Languages

Spoken / Written

English Mandarin

Malay

Understood

Cantonese

Personal Particulars • Citizenship: Malaysian

• Immigration Status: PR