

Terence Kong

Software Engineer. DevOps. Full Stack Developer

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Skills

Languages

Java, Javascript, HTML, CSS, Python

Frameworks

Angular, React, Springboot, Kafka

DevOps

Git, Docker

Experience

MSI Global Pte Ltd

ASSOCIATE CONSULTANT

LTA Bedok Campus

Nov. 2020 - Present

- Technical Lead for the BTS Skytrain backoffice fare collection system. (Java, Swing, Quartz Scheduler)
- Led the backend team for the Pink and Yellow Line Extension Project.
- Led various initiatives to improve the maintainability of legacy applications such as framework upgrades, introducing the use of version control systems and adding unit testing.
- Developed microservices for the Bangalore backend QR code ticketing system (Springboot)

PSA International Pte Ltd

SENIOR SYSTEM ANALYST

Tanjong Pagar Complex

Jun. 2018 - Jul 2020

- Developed a generic housekeeping framework to orchestrate archival of database records for microservices. (Kafka, Java, JPQL)
- Built microservices and Angular applications for tracking container movement within the port (Angular, Springboot, MySQL)
- Managed framework level components including the analysis, design and development of new components as well as the maintenance and upgrading of existing components. (StorybookJS, Angular, Springboot)
- Technical Lead for testing frameworks. (Katalon)
- Technical Lead for Data Warehouse and ETL Pipeline Infrastructure (Kafka, Kafka Connect, Debezium, Springboot)
- Technical Lead for git infrastructure (On premise Gitlab).

PSA Singapore

INTERN

Tanjong Pagar Complex

May. 2017 - Oct. 2017

- Developed Angular components and Data Visualisations for ship schedules (D3, Angular and PrimeNG)
- Developed custom stylesheets and themes for Angular components (CSS, SASS)

Education

National University of Singapore

Bachelor of Computing (Computer Science) With Honours

Jun. 2018

Projects

CakeChef

- A generic, configuration based binary file reader/writer built for systems which utilize binary files as a means of information transfer.
- Developed the application using Javascript and NodeJS.

Certifications

NUS ISS

NICF - Containers for deploying and scaling apps

Sep. 2019