



Allen Ng

Lead Software Engineer

 Hong Kong,

 lukexng@gmail.com

 LinkedIn

 Github

ABOUT

I'm a fullstack software engineer that able work with frontend / backend / Infra / CI/CD / Machine & Deep learning / Mobile development. I am also curenrntly a lead of a team. Currently interested in exploring more on deep learning

EXPERIENCE

Lead Infrastructure Engineer, MetLife

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September 2021 — Present  3 years

MetLife is an international insurance company.

- Managing a small team which focusing on providing internal automation platform such as Chef, Ansible and Terraform to internal users.
- Onboard and coach other teams to work in agile and modern IaC practice and different automation tools.
- Created fully automated server provisioning with terraform and packer together with golang to quickly scales servers on-premises data centers and Azure
- Collaborate and hands-on implementation with many teams to automate legacy manual tasks using Chef and Ansible.
- Managing all Japan server footprints by optimizing Chef, Ensuring all machines match with the security standards.

Head of microservices, Zeals

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January 2021 — August 2021 ⌚ 8 months

Zeals is industry leader of chatbot commerce in Japan

- Managing a team of 10 which is a combination of Japanese and English speakers, helping to bridge the communication gap between the team and managing overall tasks in the team
- Handling High level design and system architecture
- Working closely with CTO to develop on technical strategies and how to bring product requirements into achievable goals
- Hands-on tasks on building microservices, including protobuf definition, implementation of the services in grpc and golang
- Hands-on tasks on handling infrastructure tasks, working mainly of CI/CD and IaaS to ensure the infrastructure is automated and manageable, including kubernetes, pulumi, circleci, argocd, etc.
- Handling recruitment on both golang engineer and SRE engineer, have been doing technical interview for more than 50 candidates in the past year.
- Driven on test automation on both unit tests inside the microservices, E2E tests across microservices and E2E tests for having headless browser to simulating actual user behavior

Software Engineer, Zeals

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April 2020 — December 2020 ⌚ 9 months

Zeals is industry leader of chatbot commerce in Japan

- Handling daily infrastructure requirements and continuously improving CI/CD, monitoring, machine learning pipelines and development workflows
- Participate in microservices development in golang, constructed a microservice alone
- Handling technical interview for foreign engineers for SRE / go engineer
- Participate as a initial member of developing new product

Lead Software Engineer, PICKUPP

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September 2019 — March 2020 ⌚ 7 months

Pickupp is a cloud sourced delivery platform startup. Operating in HK, SG, MY, VN.

- Team lead of operation product team, which mainly work on optimizing performance, workflows and matching process
- Handling feature request from business site, craft and implement feature in both backend and frontend
- Maintainance whole stack of the application
- Implemented data solution on aws using AWS S3, Glue, Redshift, Firehose, Pyspark
- Lead Engineer on one of the mobile app written in react-native
- Implemented own geocoding logic by segmentation and tagging of addresses
- Train Deep learning models to handle image classification

Software Engineer, PICKUPP

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March 2019 — August 2019 ⌚ 6 months

Junior Software Engineer, PICKUPP

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March 2018 — January 2019 ⌚ a year

IT System Developer, ABC COOKING STUDIO HONG KONG LTD.

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July 2017 — February 2018 ⌚ 7 months

ABC Cooking Studio is an international chain cooking studio brand, operating in JP, KR, TW, CN, HK, etc.

- Maintaining entire company's system, create kubernetes cluster to improve Devops
- Refactor old web applications from PHP to nodejs
- Technologies: JavaScript/Oracle DB/PHP/AWS/Node.js/Typescript
- Frameworks: JQuery/Nativescript/React.js/Vue.js/AdonisJS/Laravel/CodeIgniter

Part-time Web Developer, PESELY PACKING LTD.

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December 2014 — August 2015 ⌚ 9 months

Pesely is a traditional company that selling packing materials, wanted to expand to online business.

- Deploy Magento online store
- Develop backend system used inside the company and able to export products to Magento
- Provide business strategy for online e-commerce

EDUCATION

Computing (Enterprise Information System), Bachelor

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2013 — 2017 ⌚ 4 years

THE HONG KONG POLYTECHNIC UNIVERSITY

</> SKILLS

Frontend Development — *Master*

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HTML CSS Javascript React Vue React Native

Backend Development — *Master*

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Node.js golang PHP Python ORM

Infrastructure — *Master*

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[AWS](#) [GCP](#) [Firebase](#) [Kubernetes](#) [Relational / Documents DB](#) [Redis](#) [MQ](#) [Distributed DB](#)
[Chef](#) [Terraform](#) [Pulumi](#) [Ansible](#) [Datadog](#) [Splunk](#)

CI/CD — *Master*

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[CircleCI](#) [Jenkins](#) [Bitbucket pipeline](#) [Github Actions](#) [ArgoCD](#) [Azure Pipelines](#)

AI — *Intermediate*

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[Pytorch](#) [fastai](#) [tensorflow](#) [LLM](#) [Prompt Engineering](#)

INTERESTS

Indoor

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[Playing computer games](#) [Watching drama / movies](#)

Outdoor

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[Photograph](#) [Travel](#)

LANGUAGES

Cantonese, Native speaker

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English, Fluent

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Mandrain, Fluent

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Japanese, Fluent

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