

# KEIN CHAN

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## ABOUT ME

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Senior Engineer with over 6 years of experience in practical AI/Big-Data projects.

Provide solutions for the Japanese Government, Toyota, Fuji Film(Xerox), and Fujitsu Network Solutions.

Currently working in Japan as a permanent resident.

Seeking job opportunities in Macao for family reasons.

## SKILLS & ABILITIES

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<b>Programming :</b>	Python, Java, Scala, C#, R
<b>Database:</b>	Mysql, PostgreSQL, OracleDB
<b>Data Visualization:</b>	PowerBI, Excel
<b>Source Code Version Contro:</b>	Github, Git
<b>OS:</b>	Linux, Windows, MacOS
<b>Cloud Computing:</b>	AWS
<b>Virtualized Platforms:</b>	Docker, Vagrant
<b>Framework:</b>	Spring Boot, Flask, Django, WPF
<b>Test Tools:</b>	Pytest, Junit, Selenium, Postman
<b>UI/UX Design:</b>	Photoshop

## EDUCATION

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2012.04-2014.03 Master Degree, Japan, *Osaka University*

2010.10-2011.09 Graduated, Japan, *Kokusyo Japanese-language school*

2004.09-2008.07 Bachelor Degree, China, *South China University of Technology*

## EXPERIENCE

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- 2019.09-Present** Server-Side Engineer(Section Leader), *Outsourcing Technology, Tokyo*  
Provided server-side solutions for TRI-AD, Fuji Film(Xerox), and Fujitsu Network Solutions.
- Designed and developed a Microstructure Services System that controls and manages over 3000 robots for Toyota Smart Logistics in Woven City.
  - Developed 5 windows applications deploy OCR techs for the census registration system in the Japanese Government.
  - Developed a network monitoring system that provides network failure self-detection and visualization for network device management in NTT core network by Fujitsu Network Solutions.
- 2018.06-2019.08** Test Engineer(QC Manager), *Oriental Kingdom Group Co., Ltd, Tokyo*
- Responsible for quality control and bug reports of robot control software inside humanoid robot Pepper and central control server system.
- 2015.10-2018.05** Big Data Engineer, *Lamabang Technology Co., Ltd, Shenzhen*
- Provided data warehouse infrastructure solutions to cope with the increasing data process needs along with fast user-growth of APP from 300,000 to 3,400,000(DAU).
  - Furnish insights, analytics, and business intelligence needed to facility management's decision-making.
  - Monitored and diagnosed for data fluctuation exception.
  - Developed an ETL data pipeline using SQL, Shell scripts, Python scripts, scala scripts from various sources that process daily data over 50 TB.
  - Designed data warehouse models in accordance with spec requirements for APP statistic report of 3.4 millions DAU.
  - Transformed business propositions into quantitative queries and then collected/cleaned necessary data. Created over 200 quantitative reports each year at the request of the Market Operation Department, Advertising Department, and the BI Department.
  - Developed an API server to provide data support for server-side development teams.
  - Developed an OSS system under database team with over 12 sections of data visualization web pages for routine data analyzing.
  - Introduced machine-learning technology to help business decision-making.
- 2014.04-2015.09** System Engineer, *Lino-a Co., Ltd, Kyoto*
- Developed a multi-languages travel information system by WordPress for the inbound traveler.
- 2008.10-2009.09** Video Editor, *Yuanmuyingshi Studio Co., Ltd, Zhuhai*
- Responsible for television program and video advertising editing.

## CERTIFICATIONS

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Java SE8 Gold

Linux Professional Institute Certification LPIC-1

AWS Solution Architect Associate

Python Engineer Certification

Abbyy FC 12 Solution Architect Certification Advanced

IT Passport

Google Analytics Advanced