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## Sr. Software Engineer, [Rakuten International Commercial Bank](https://www.rakuten-bank.com.tw/portal/about/company), Taipei, TW Dec 2020 - Present

JAVA/Spring Boot/Spring Cloud/IBM Liberty/Linux CronJob/RESTful/DB2/Angular8/TypeScript/Scrum

* In response to the requirements of the FSC, building SIM card authentication mechanism in system transaction function in order to increase system security.
* Optimizing the IBNB system process of account opening to increase the number of account openings.

## Sr. Software Engineer, [Cathay Financial Holdings Digital - Data And Technology](https://www.cathayholdings.com/en/holdings/csr/intro/products/innovation)*,* Taipei, TW April 2019 - Jan 2021

JAVA/Spring Boot/Spring Cloud/Oracle PL/SQL/Linux CronJob/Python/Django/Docker/Protocol Buffers

* Refactor the myRewards App ticket exchanging system, and improved system performance to increasing the number of ticket exchanging times and average opened days.
* Creation of myRewards App invoice carrier function in order to increasing the average opened days. Developed automated scheduling system to read the invoice detail data in order to facilitate behavioral pattern analysis for data team member.
* Creation of myRewards App task wall function to give customer ticket points in order to increasing the exchanging times.

## Sr. Software Engineer, [Far EasTone Telecommunications Co.](https://corporate.fetnet.net/content/corp/en/index.html), Taipei, TW Sept 2014 - Mar 2019

JAVA/Spring Framework/AngualrJS/JMS(EMSQueue)/Linux CronJob/XML/SQL

* Creation of automated processes resulting in shortened operating hours, customer growth of 10%, and earning increase of 20%.
* Utilization of big data to create a database for the company in order to facilitate data analysis and lay the foundation for major decisions in the future.
* Creation of the prepaid card installation system, let sales clerk help foreign traveller in Taoyuan Airport apply prepaid card service quickly.

## Software Engineer, [Fullerton Technology](https://www.fullerton.com.tw/#!/), Taipei, TW May 2010 - Aug 2014

Java/

* Assistance in the creation of EZ Ding, the largest movie ticket booking platform in Taiwan to expand the potential customer base and increase the order volume.

## SIDE PROJECT AND OTHERS

## [Algorithms Application](https://github.com/youngjay9/algorithm_for_python) - Practical application of algorithms of discrete mathematics through the utilization of python programming language and utilization of Big-O to compare time complexity of different algorithms.

* [Computer Structure and Concepts](https://github.com/youngjay9/computer-organization-and-design#my-computer-organization-and-design-note) - Execution of data path and pipeline based on an in-depth understanding of program compilation through familiarization with computer structure as well as a clear understanding of memory architecture concepts
* [My Learning Note](https://medium.com/%E7%AA%AE%E6%8F%9A%E5%82%91%E7%9A%84%E6%99%AE%E9%80%9A%E5%B8%B8%E8%AD%98)

REFERENCES

* Mr Nat Lin (Manager) - Rakuten International Commercial Bank Co. Itd (Taipei, Taiwan)

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