

# Sarit Ritwirune

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## OBJECTIVE

Apply Backend and Mobile Engineer, DevOps, and project manager

## PROFESSIONAL EXPERIENCE

### Aegon Insights (Thailand) Limited

May 2019 – Present

*Backend Engineer Manager(Backend/TechLead/Manager)*

- Design, Guide and Code not only software strategy and manage team with stake holder
- ISO 27001, OIC(Office of Insurance Commission), PDPG(Personal-Data-Protection), and IFRS17 complied
- Backend: Python/DjangoREST, GraphQL
- Deployment: AWS Lambda, Aurora, Papertrail, Sentry

### HBOT Co., Ltd.

Sep 2018 – March 2019

*Machine Learning specialist & Software Engineer(Backend/Frontend/DevOps)*

- Design and implement intelligent system powered by neural network not only RNN, but also CNN
- Analyze data and recommend decision based on given fact
- Train and test classifiers
- Maintain and secure Gitlab server, implement secure chat server, implement bot

### MagicBoxAsia Co., Ltd

Nov 2017 – Aug 2018

*Senior Software Engineer(Backend/Frontend/System/Business Analyst)*

- Design, Programming, and Implementing the system
- Backend: Python/Django
- Frontend: Javascript ES6/ReactJS
- System: Docker, GitLab CI/CD, syslog on cloud, crash analytic, and performance monitoring

### CODIUM Co., Ltd and CloudHM Co., Ltd

April 2016 – Oct 2017

*Senior Software Engineer&Senior System Engineer*

- Design, Programming, and Implementing the system
- Customer support
- On-site infra-technical support

### 4All Solution Inc

June 2015 – April 2016

*Android & iOS Programmer/System Engineer/DBA*

- iOS, Android, Nodejs, PL/pgSQL, TDD, LaTeX, Scientific Drawing, and do exam problems&solutions
- Create webserver APIs backend by Javascript with various framework, and do unit testing
- Install, Implement GNU/Linux Debian and PostgreSQL

### Dalian CHENGSI Technology (Thailand) Co., Ltd.

November 2011 – April 2015

*Project Leader/Consultant/UI Designer*

- Digest customer requirements and prepare spec to Chinese software engineer
- Support Manufacturing and purchasing module. IFS7.5 JATCO (Nissan part supplier)
- Support Manufacturing and Finance. IFS2004 Calsonic Kansei (Nissan part supplier)

### Faculty of Information and Communication Technology (ICT)

July 2010 – July 2011

*Researcher and System Administrator (Linux Cluster)*

- Maintain resource of cluster for 400 users per semester
- Routine check on the devices
- Conduct a research in parallel computing

### National Institute of Methodology Thailand (NIMT)

September 2009 – June 2010

*Metrologist at Mechanical lab, Sound Level Meter*

- Maintain laboratory condition to meet the ISO standard for example: temperature, humidity
- Maintain customer device condition ex: temperature
- Perform a test check base on ISO standard

### System Engineer (Department of Physics, Faculty of Science, Mahidol University)

2009 - 2011

- Monitor suspicious activity not only from insiders, but also intruders
- Design and Implement Apache2, PHP,MySQL, Remote desktop
- Email server, FTP server

## EDUCATION

**Mahidol University**, Faculty of Information and Communication Technology  
Master of Science in Computer Science

April 2012

- Master thesis: 2D lattice simulation of stock market  
*The objectives were to study the behavior of stock market and then we will extract the information by using another algorithm for example Dynamic Time Wrapping to gain the information from it.*
- Received a working scholarship as a researcher and Linux Cluster System Engineer

**Mahidol University**, Faculty of Science  
Bachelor of Science, Physics

March 2008

- Senior Project: Fractal antenna  
*The objectives were to study and develop the effectiveness of antenna for example impedance, radiation pattern, size and iteration times.*
- Received a working scholarship form National Institute of Metrology Thailand (NIMT)

**Bangkok Christian College**, Mathematics and Science  
Grade 1 – 12

2004

- GPA ~3.00
- President of Military Band BCC Music Club and clarinetist

## TRAINING & CERTIFICATIONS

**Royal Thai Police**, Internship at Forensic Department

April – May 2007

- Physics, Chemistry, and Biology
  - Fired evidence : Investigate root cause of fire
  - Photo complexes : 3D model compare with photo evidence
- Firearms and ammunition
  - Record gun barrel
  - Record firing pin

## INTERESTING

- Machine Learning, Cryptography, Search Engine
- Social Media

## FRAMEWORKS, TOOLS AND PRODUCTION ENVIRONMENTS(BRIEF)

Python			Testing	ES6			Testing
Django	DjangoREST, GraphQL	Flask	Pytest/Unittest	ReactJS	React-Redux	React-Saga	Jest
IDEs	CVS	CI/CD	Hosting	OS	Storage	Webserver	HTTPS
PyCharm	Github	Gitlab-CI	DigitalOcean	Debian >10yr	AWS: RDS, S3&CloudFront	Nginx, Caddy	Let's encrypted
WebStrom	Gitlab	BuddyWork	AWS: EC2, ECR, Lambda, ... etc	Docker	Minio		
Log	Crash Analytic	Performance Monitoring	Push Notification	Machine Learning	Chatbot		
papertrail	Sentry	Opbeat, any	Firebase/Pubnub	PyTorch	RASA NLU+Core		

## FUNCTIONAL PROGRAMMING/DESIGN PATTERNS

- Easy to do unit testing and maintenance.
- Hand on experience :
  - Singleton : For passing variable between android activity
  - MVC : Common practice
  - Factory : Easily mock the object from it

## STRENGTHS

- Long concentration
- Good communication
- Good oral, written & presentation skills
- Good team player
- Driving License
- TOEIC 720: Listening 355/Reading 365, Oct 24th 2014.

## PERSONAL INFORMATION

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- Date of Birth : 4<sup>th</sup> July 1985
- Sex & Status : Male & Single
- Hobby: Gym, Swimming, Shooting
- Nationality : Thai
- Languages Known : Thai, English
- <https://www.linkedin.com/in/sarit-ritwirune-249b8a136/>
- <https://github.com/elcolie>
- <https://elcolie.com>

Sarit Ritiwirune  
Jan 2020