Thomas **DERUDDER**

SOFTWARE ENGINEER · ON BOARD DEVELOPPER

📱 (+33) 6 03 11 44 59 | ✉ thomas.derudder@kodelab.fr | 🏠 www.mypatch.fr | ⚡ athomsAF

Experience

Apprenticeship Data Engineer
FRENCH ARMY MINISTRY

Frnace, Paris
Septemher 2023 - Today

- Creation of inteligent on board application for traduction => technology: Linux, python, cpp (arduino)
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Creation Fablab
FRENCH ARMY MINISTRY

France,Paris
June 2023 - Septemher 2023

- Creation of a Fablab for the Labo BI a French Army laboratory

Omnious. Co., Ltd.
SOFTWARE ARCHITECT

Seoul, S.Korea
Jun. 2017 - May 2018

- Provisioned an easily managable hybrid infrastructure(Amazon AWS + On-premise) utilizing IaC(Infrastructure as Code) tools like Ansible, Packer and Terraform.
- Deployed a centralized monitoring environment(Grafana, InfluxDB, CollectD) which gather system metrics as well as docker run-time metrics.

Education

POSTECH(Pohang University of Science and Technology)
B.S. IN COMPUTER SCIENCE AND ENGINEERING

Pohang, S.Korea
Mar. 2010 - Aug. 2017

- Got a Chun Shin-Il Scholarship which is given to promising students in CSE Dept.

Extracurricular Activity

B10S (B1t 0n the Security, Underground hacker team)
CORE MEMBER

S.Korea
Nov. 2011 - PRESENT

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

WiseGuys (Hacking & Security research group)
MEMBER

S.Korea
Jun. 2012 - PRESENT

- Gained expertise in hardware hacking areas from penetration testing on several devices including wireless router, smartphone, CCTV and set-top box.
- Trained wannabe hacker about hacking technique from basic to advanced and ethics for white hackers by hosting annual Hacking Camp.

PoApper (Developers' Network of POSTECH)
CORE MEMBER & PRESIDENT AT 2013

Pohang, S.Korea
Jun. 2010 - Jun. 2017

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

PLUS (Laboratory for UNIX Security in POSTECH)
MEMBER

Pohang, S.Korea
Sep. 2010 - Oct. 2011

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.

MSSA (Management Strategy Club of POSTECH)
MEMBER

Pohang, S.Korea
Sep. 2013 - Jun. 2017

- Gained knowledge about several business field like Management, Strategy, Financial and marketing from group study.
- Gained expertise in business strategy areas and inisght for various industry from weekly industry analysis session.

Skills

DevOps	AWS, Docker, Kubernetes, Rancher, Vagrant, Packer, Terraform, Jenkins, CircleCI
Back-end	Koa, Express, Django, REST API
Front-end	Hugo, Redux, React, HTML5, LESS, SASS
Programming	Node.js, Python, JAVA, OCaml, LaTeX
Languages	Korean, English, Japanese