Byungjin **Park**

SITE RELIABILITY ENGINEER · SOFTWARE ARCHITECT

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"Be the change that you want to see in the world."

Summary

Work Experience

Dunamu Inc.   *Seoul, S.Korea*
DEVOPS ENGINEER   *Sep. 2023 - Present*

Danggeun Pay Inc. (KarrotPay)   *Seoul, S.Korea*
FOUNDING MEMBER & SITE RELIABILITY ENGINEER & INFRASTRUCTURE TEAM LEAD   *Mar. 2021 - Jun. 2023*

- Introduced Okta employee identity solution in the company, establishing security policies and configuring SSO integration with over 20 enterprise systems including AWS, GitHub, Slack, Google Workspace. Set up a Hub and Spoke architecture, enabling a collaborative account structure with the parent company, Daangn Market.

Danggeun Market Inc.   *Seoul, S.Korea*
SITE RELIABILITY ENGINEER   *Feb. 2021 - Mar. 2021*

Kasa   *Seoul, S.Korea*
FOUNDING MEMBER & DIRECTOR OF INFRASTRUCTURE DIVISION   *Jun. 2018 - Jan. 2021*

- Provisioned the Directory Service for employee identity management based on OpenLDAP which guarantees HA with multi-master replication.
- Implemented Worker microservices consuming Kafka event topics for email, SMS, Kakaotalk and Slack notification. Developed in-house framework to easily build Kafka consumer microservice with common features including retry on failure, DLQ(Dead Letter Queue), event routing and more.
- Introduced Elastic APM to help distributed tracing, trouble-shooting and performance testing in MSA.

Omnious. Co., Ltd.   *Seoul, S.Korea*
SOFTWARE ARCHITECT   *Jun. 2017 - May. 2018*

- Deployed a centralized logging environment(ELK, Filebeat, CloudWatch, S3) which gather log data from docker containers and AWS resources.
- Deployed a centralized monitoring environment(Grafana, InfluxDB, CollectD) which gather system metrics as well as docker run-time metrics.

PLAT Corp.   *Seoul, S.Korea*
CO-FOUNDER & SOFTWARE ENGINEER   *Jan. 2016 - Jun. 2017*

- Implemented RESTful API server for car rental booking application(CARPLAT in Google Play).
- Built and deployed overall service infrastructure utilizing Docker container, CircleCI, and several AWS stack(Including EC2, ECS, Route 53, S3, CloudFront, RDS, ElastiCache, IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- Developed an easy-to-use Payment module which connects to major PG(Payment Gateway) companies in Korea.

R.O.K Cyber Command, MND   *Seoul, S.Korea*
SOFTWARE ENGINEER & SECURITY RESEARCHER (COMPULSORY MILITARY SERVICE)   *Aug. 2014 - Apr. 2016*

- Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.

ShitOne Corp.   *Seoul, S.Korea*
SOFTWARE ENGINEER   *Dec. 2011 - Feb. 2012*

- Developed a proxy drive smartphone application which connects proxy driver and customer.
- Implemented overall Android application logic and wrote API server for community service, along with lead engineer who designed bidding protocol on raw socket and implemented API server for bidding.

Honors & Awards

INTERNATIONAL AWARDS

| 2013 | **Finalist**, DEFCON 21st CTF Hacking Competition World Final | *Las Vegas, U.S.A* |
| 2011 | **Finalist**, DEFCON 19th CTF Hacking Competition World Final | *Las Vegas, U.S.A* |

DOMESTIC AWARDS

| 2013 | **Silver Prize**, KISA HDCON Hacking Competition Final | *Seoul, S.Korea* |

COMMUNITY

2022 -   **AWS Community Builder (Container),** Amazon Web Services (AWS)
2022 -   **HashiCorp Ambassador,** HashiCorp
2018 -   **Organizer of HashiCorp Korea User Group,** HashiCorp

Certificates

2023   **AWS Certified Advanced Networking - Specialty,** Amazon Web Services (AWS)
2022   **AWS Certified Security - Specialty,** Amazon Web Services (AWS)
2022   **AWS Certified Solutions Architect – Professional,** Amazon Web Services (AWS)
2021   **AWS Certified SysOps Administrator – Associate,** Amazon Web Services (AWS)
2020   **Certified Kubernetes Application Developer (CKAD),** The Linux Foundation
2023   **HashiCorp Certified: Consul Associate (002),** HashiCorp
2023   **HashiCorp Certified: Terraform Associate (003),** HashiCorp

Education

POSTECH(Pohang University of Science and Technology)   *Pohang, S.Korea*
B.S. in Computer Science and Engineering   *Mar. 2010 - Aug. 2017*

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