

· Software Architect 235, WorldCupbuk – ro, Mapo – gu, Seoul, 03936, Republic of Korea

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Byungjin Park · Résumé

Summary

DevOps Engineer at fintech & blockchain company Dunamu which is known for operating Upbit, the largest crypto

Love to contribute to open sources and tech communities by sharing knowledge and experience. Prefers a command

DevOps Engineer Dunamu Inc. Seoul, S.Korea Sep. 2023 - Present

Founding Member & Site Reliability Engineer & Infrastructure Team Lead Danggeun Pay Inc. (KarrotPay) Seoul,

Everything that matters.

Designed and provisioned the entire infrastructure on the AWS cloud to meet security compliance and acquire a business

Continuously improved the infrastructure architecture since launching the service. (currently 3.6 million users)

Established a standardized base for declarative management of infrastructures and service deployments, enabling operat

Saved over 30% of the overall AWS costs by establishing a quarterly purchasing strategy for RI (Reserved Instance) and

Established a core architecture for regulating of outbound DNS traffic in multi-account and multi-VPC environments ut

Introduced Okta employee identity solution in the company, establishing security policies and configuring SSO integrati

Site Reliability Engineer Danggeun Market Inc. Seoul, S.Korea Feb. 2021 - Mar. 2021

Founding Member & Director of Infrastructure Division Kasa Seoul, S.Korea Jun. 2018 - Jan. 2021

Designed on-boarding process to guide new engineers, help them to focus on the right tasks, and set expectations to hel

Migrated the orchestration system from DC/OS to Kubernetes which is based on AWS EKS. Managed 3 Kubernetes clu

Designed and managed complex network configurations on AWS with 4 VPC and 100+ subnets. Separated the develop

Provisioned a observability system with Kafka, Elastic Stack(Filebeat, Heartbeat, APM Server, Logstash, Elasticsearch,

Provisioned a monitoring system with Kafka, Telegraf, InfluxDB, Grafana. Collected metrics from hosts, containers, po

Introduced Kong API Gateway to easily connect all API microservices with a declarative management method based on

Provisioned the Directory Service for employee identity management based on OpenLDAP which guarantees HA with m

Implemented Worker microservices consuming Kafka event topics for email, SMS, Kakaotalk and Slack notification. Dev

Introduced Elastic APM to help distributed tracing, trouble-shooting and performance testing in MSA.

Software Architect Omnious. Co., Ltd. Seoul, S.Korea Jun. 2017 - May. 2018

Provisioned an easily managable hybrid infrastructure(Amazon AWS + On-premise) utilizing IaC(Infrastructure as Cod

Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, AWS ECR and Rancher

Designed an overall service architecture and pipelines of the Machine Learning based Fashion Tagging API SaaS produc

Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.

Deployed a centralized logging environment(ELK, Filebeat, CloudWatch, S3) which gather log data from docker contain

Deployed a centralized monitoring environment(Grafana, InfluxDB, CollectD) which gather system metrics as well as do

Co-founder & Software Engineer PLAT Corp. Seoul, S.Korea 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 I

Developed an easy-to-use Payment module which connects to major PG(Payment Gateway) companies in Korea.

Software Engineer & Security Researcher (Compulsory Military Service) R.O.K Cyber Command, MND Seoul, S.K

Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and privat

Software Engineer ShitOne Corp. Seoul, S.Korea 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 wh

Honors & Awards

International Awards

2nd Place AWS ASEAN AI/ML GameDay Online 2021

Finalist DEFCON 28th CTF Hacking Competition World Final Las Vegas, U.S.A 2020

Finalist DEFCON 26th CTF Hacking Competition World Final Las Vegas, U.S.A 2018

Finalist DEFCON 25th CTF Hacking Competition World Final Las Vegas, U.S.A 2017

Finalist DEFCON 22nd CTF Hacking Competition World Final Las Vegas, U.S.A 2014

Finalist DEFCON 21st CTF Hacking Competition World Final Las Vegas, U.S.A 2013

Finalist DEFCON 19th CTF Hacking Competition World Final Las Vegas, U.S.A 2011

Domestic Awards

2nd Place AWS Korea GameDay Seoul, S.Korea 2021

3rd Place WITHCON Hacking Competition Final Seoul, S.Korea 2015

Silver Prize KISA HDCON Hacking Competition Final Seoul, S.Korea 2017

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

Community

AWS Community Builder (Container) Amazon Web Services (AWS) 2022 -

HashiCorp Ambassador HashiCorp 2022 -

Organizer of HashiCorp Korea User Group HashiCorp 2018 -

Certificates

AWS Certified Advanced Networking - Specialty Amazon Web Services (AWS) 2023

AWS Certified Security - Specialty Amazon Web Services (AWS) 2022

AWS Certified Solutions Architect – Professional Amazon Web Services (AWS) 2022

AWS Certified SysOps Administrator – Associate Amazon Web Services (AWS) 2021

Certified Kubernetes Application Developer (CKAD) The Linux Foundation 2020

HashiCorp Certified: Consul Associate (002) HashiCorp 2023

HashiCorp Certified: Terraform Associate (003) HashiCorp 2023

Education

B.S. in Computer Science and Engineering POSTECH(Pohang University of Science and Technology) Pohang, S.K

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