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“Be the change that you want to see in the world.”

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Byungjin Park · Résumé
Summary

Current Site Reliability Engineer at start-up company Kasa. 7+ years experience specializing in the backend development.
Software Architect Omnious. Co., Ltd. Seoul, S.Korea Jun. 2017 - May. 2018

Provisioned an easily manageable hybrid infrastructure(Amazon AWS + On-premise) utilizing IaC(Infrastructure as Code).
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 product.
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 containers.

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

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 IAM, S3, EC2, ElastiCache, CloudFront, etc).

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.Korea

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

Implemented a distributed web stress test tool with high anonymity.

Implemented a military cooperation system which is web based real time messenger in Scala on Lift.

Game Developer Intern at Global Internship Program NEXON Seoul, S.Korea & LA, U.S.A Jan. 2013 - Feb. 2013

Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market.

Implemented API server which is communicating with game client and In-App Store, along with two other team members.

Won the 2nd prize in final evaluation.

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 with 10 years experience.

Freelance Penetration Tester SAMSUNG Electronics S.Korea Sep. 2013, Mar. 2011 - Oct. 2011

Conducted penetration testing on SAMSUNG KNOX, which is solution for enterprise mobile security.

Conducted penetration testing on SAMSUNG Smart TV.

Honors & Awards

International

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

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

Presentation

Presenter for <Hosting Web Application for Free utilizing GitHub, Netlify and CloudFlare> DevFest Seoul by Google.

Introduced the history of web technology and the JAM stack which is for the modern web application development.

Introduced how to freely host the web application with high performance utilizing global CDN services.

Presenter for <DEFCON 20th : The way to go to Las Vegas> 6th CodeEngr (Reverse Engineering Conference) Seoul.

Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF.

Writing

Founder & Writer A Guide for Developers in Start-up Facebook Page Jan. 2015 - PRESENT

Drafted daily news for developers in Korea about IT technologies, issues about start-up.

Program Committees

Problem Writer 2016 CODEGATE Hacking Competition World Final S.Korea 2016

Organizer & Co-director 1st POSTECH Hackathon S.Korea 2013

Education

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

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

Extracurricular Activity

Core Member & President at 2013 PoApper (Developers' Network of POSTECH) Pohang, S.Korea Jun. 2010 - Jun. 2011

Reformed the society focusing on software engineering and building network on and off campus.

Proposed various marketing and network activities to raise awareness.

Member PLUS (Laboratory for UNIX Security in POSTECH) Pohang, S.Korea Sep. 2010 - Oct. 2011

Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several shells.

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.