

## Information

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**Blog** <https://junhyunny.github.io/>

## Career

### **GENEUI** Application Developer | 2021.04. – present | Seoul, Korea

- [Korea Social Security Information Service] Renewal IoT Care Service, 2021.08. – present
- [KC Industrial] Designed and implemented MES for Gas Warehouse, 2021.05. – 2021.08.

### **POSCO ICT** Application Developer | 2018.07. – 2021.04. | Seoul, Korea

- POSCO MES3.0 DevOps of Coil Yard Management, 2021.01. – 2021.04.
- POSCO MES3.0 Modernization, 2018.07 – 2020.12.

### **POSCO ICT** Internship | 2017.08. – 2017.11. | Seoul, Korea

- Application developer for Smart CCTV system

## Work Experience

### **[Korea Social Security Information Service] Renewal IoT Care Service 2021.08. – present**

- Replaced database solution from SYBASE to TIBERO
- Migrated Java version to 1.8 and refactored Legacy source
- Implemented new Monitoring Status UI using Spring MVC, JSP, Mybatis
- Added new features for Legacy UIs

### **[KC Industrial] Designed and implemented MES for Gas Warehouse 2021.05. – 2021.08.**

- Established System Process for Gas Industrial business domain
- Implemented UI for monitoring status of gas containers using Vue.js and Spring Boot
- Implemented interface between UI and ZEBRA Label printer

### **[POSCO ICT] POSCO MES3.0 DevOps 2021.01. – 2021.04.**

- Implemented new features requested by the Subject Matter Experts
- Stabilized the system by analyzing logs and fixing system failures
- Optimized business logic and queries to increase performance

### **[POSCO ICT] POSCO MES3.0 Modernization 2018.07. – 2020.12**

- Rewrote the Yard Management within MES by applying Microservice Architecture
- Implemented common components and features needed by Yard Management Team
- Integrated with Spring Cloud and implemented APIs to collaborate with other manufacturing teams
- Implemented new Yard Scheduling logic to improve vehicle transport efficiency
- Increased the performance of Custom Rule Engine by more than 80% by refactoring components

## **[POSCO ICT] Smart CCTV System application developer 2017.08. – 2017.11.**

- Implemented Object Detection Application using OpenCV (C, C++)
- Used SVM(Support Vector Machine) machine learning algorithm which is offered by OpenCV

## **SIDE PROJECT**

### **[Slack bot] Notice bot on slack**

- Implemented notice bot for slack to encourage 1 commit per day
- Used Java, AWS Lambda
- <https://github.com/Junhyunny/slack-chatbot>

### **[Jangrye Baksa] Raspberry Pi application for funeral platform**

- Implemented Raspberry Pi Application to display funeral hall state on a monitor screen
- Used Kivy framework for Python
- <https://www.jrbaksa.com/main.do>

### **[VillaM] Mobile application for management villa platform**

- Implemented mobile app to display important notices and vote features for residents
- Used Nativescript-Vue framework for development native mobile application
- <https://www.villam.co.kr/vote/vote.do>

## **EDUCATION**

### **Bachelor in Electronic Engineering at Hansung University 2014.03. – 2018.02.**

## **OTHER ACTIVITIES**

### **Personal blog**

- Post for personal study and sharing experience about bug fix and issues
- <https://junhyunny.github.io/>