

Sungkun Yoon

Backend Developer

Address Suji-gu, Yongin-si, Gyeonggi-do, Korea
Phone +82-10-7372-7851
E-Mail sk4u.yoon@gmail.com



■ Work History 14years

Web Plaza

Principal Engineer

Seoul, Korea

Mar 2020 – Aug 2022 (2y 6m)

- Smart Factory System Management
 - ACS Server Development (Based on Java Spring Framework)
 - ◆ designed ACS-AGV protocol
 - ACS Maintenance and add feature
 - ◆ Added ability to load products into AGV charging stations
 - ◆ Modify AGV path and charge logic
 - Installed the ACS Server
 - ◆ AGV moving path design in Factory (Sejong, Busan)
 - ◆ Linked each AGV manufacturer to ACS.

Solu-M

Senior Engineer

Yongin, Korea

Sep 2015 – Mar 2019 (3y 7m)

- Electronic Shelf Label System
 - ESL Image Server Develop (Based on Java Spring Framework)
 - ◆ Improved Images create module
 - ◆ Auto defragment query for DB(MSSQL)
 - ◆ Add feature for the Layout designer
 - ◆ Development of price information parsing and update module for each customer.
 - Central ESL Server Develop
 - ◆ Add feature for the Layout designer
 - ◆ Implement entire store and individual store update function using the store code
 - To support ESL Server setup for Customer
 - ◆ Metro in Germany and Japan
 - ◆ Beer Store in North America (Central ESL Server)
 - ◆ Nonghyup, Samsung Digital-Plaza in Korea

Samsung Electro-Mechanics

Research Engineer

Suwon, Korea

Apr 2012 – Aug 2015 (3y 5m)

- Electronic Shelf Label System
 - Developed ESL 7-Segment Server (Based on C++, Socket)
 - ◆ Developed Monitoring System for ESL Progress
 - ◆ Converting from ESL Server for Windows to Linux
 - ESL Image Server Develop (Based on Java Spring Framework)
 - ◆ Developed Monitoring UI (Web Based)
 - To support ESL Server setup for Customer
 - ◆ REWE in Germany (7-Segment)
 - ◆ E-Mart in Korea (Image Server)

From2

Research Scientist

Daejeon, Korea

Oct 2007 – Mar 2012 (4y 6m)

- Surveillance and Reconnaissance WSN (Military Project)
 - Developed Sensor Node Device
 - ◆ Developed Sensor, RTC, RF, AMP Device Driver for MCU
 - ◆ OS Porting for MCU(MSP430)
 - Sensor Data Processing
 - ◆ Sensing Data Sampling
 - ◆ Developed Stabilization of Application Task in OS and implementation of Resource Management Algorithm
- Situational awareness video transmission USN
 - Development of Linux Device Driver for the Gateway
 - ◆ Porting Linux Kernel and Making Filesystem Image for Gateway
 - ◆ Porting the video encoder, decoder, 4-channel codec control LDD (MG1264)
 - ◆ RTSP Server recompile for Gateway (ARM arch)
 - ◆ RF(CC2420) LDD Developed

■ Education**Hanbat National University****Daejeon, Korea**

Mar 2006 – Feb 2008

- Master of Science in Radio Communication Engineering
 - Cumulative GPA 4.3
 - Thesis : Low Power Algorithm of ZigBee Router for Non Beacon Enabled PAN

Hanbat National University**Daejeon, Korea**

Mar 2000 – Feb 2006

- Bachelor of College of Information and Communication Engineering.
 - Cumulative GPA 3.86.
 - Military (Mortar Unit) leave of absence from University. (Jan 2002 - Feb 2004)

■ Skill

- Program Language: C, Java, JavaScript
- Spring Framework
- Oracle Cloud, Google Cloud
- RDBMS: MSSQL, Oracle
- Etc.: Subversion, Git