



Eunkyoon Kim

Software Engineer

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Skills

Languages

Kotlin, C, C++, C#, WPF, Java

Tech Skills

Git, Jira, Jenkins, Kanban, Bitrise, RESTful API, SOAP, Postman, Selenium, VS, VS Code, AWS, docker, SVN, Perforce, etc

Operation Systems

Android, Windows Embedded, Linux Embedded



Job Experience

Android Developer
Sep 2022 - Current

Karlmax Berlin GmbH & Co. KG - Berlin

[BerlinHistory](#) and [Other History Apps](#)

As an Android developer for the Berlin History app, I contributed to improving the usability of the app by maintaining existing features and developing new ones. I also implemented new app extensions such as Grid Content, Carousel, Augmented Reality widgets.

Software Engineer
Jan 2021 - Aug 2022

Freelancer - Berlin

Design and development several Android projects for Korean customers

Senior Software Engineer
Jan 2016 - Jan 2020

Samsung Electronics Co, Inc - South Korea

Samsung MagicINFO™ is a powerful content and device management solution giving businesses the ability to easily create, schedule, and play content across a signage network.

MagicInfo Solution: [Samsung MagicINFO Solutions feature video](#)

MagicInfo Player I: [Magicinfo Player | Digital Signage Software Solutions](#)

As a senior software engineer, I have designed, implemented, and maintained the Player I of the MagicINFO solution.

Applied the CI system to the MagicInfo Player using Jenkins.

I designed and implemented a MagicInfo log management system on AWS for fault tolerance.

I Implemented a remote management protocol for Samsung TV and Samsung monitors run on an android player.

I designed and implemented an event script interface for real-time change of media after content distribution.

Software Engineer

Jan 2013 - Dec 2015

Samsung Electronics Co, Inc - South Korea

I developed the major functionality of a digital signage player based on windows. It is a commercial media player and content management system for 24/7 environment and enterprise clients.

I Developed Contents uploader/downloader, Contents play scheduler, Content play statistics, audience measurement system by gender and age, SOAP client to communicate with the server, System updater, etc.

Software Engineer

Jan 2010 - Dec 2012

Samsung Electronics Co, Inc. - South Korea

I Built and deployed Windows Embedded OS images for Samsung set-top box. Windows XP Embedded, Windows Embedded Standard 2009, Windows Embedded Standard 7

Samsung Recovery: I developed a Windows Embedded OS backup/recovery application for Samsung set-top box.

DASH: Remote system access application for Samsung set-top box. I Developed a remote access application like VNC that could access from the BIOS level and OS level.

Research Engineer

Jan 2008 - Dec 2009

Samsung Electronics R&D Center - South Korea

As a Research Engineer, I developed two challenging and advanced projects.

I Developed a multi-core optimized algorithm for printing description language engine. Re-constructing printing algorithm with OpenMP and these features can increase performance up to 300%(using the quad-core system)

Also, I Developed a prototype desktop memo application supports device seamless and multi-touch (C#, WPF)

Software Engineer

Jan 2006 - Dec 2007

Samsung Software Membership - South Korea

As an internship software engineer, I developed multiple personal interesting projects.

Developed 4-legs robot for home security (C, C++, Java, Web, Linux)

Developed Armv7 emulator running on x86 windows platform for software testing (C, C++)

Developed a network intrusion detection system and a network intrusion prevention system for Windows (C, C++, WDM, NDIS)

Education

Busan University of Foreign Studies - South Korea

Bachelor of Engineering Jan 2000 - Jan 2008

Major in Computer Engineering

Patents

Multi-touch input processing method and apparatus (us 20110163974)

About A multi-touch input processing method performed by a multi-touch input device and a multi-touch recognition apparatus.

Method and apparatus for processing image in digital printer (us 20100177356)

About Provided are a method and apparatus for processing image data in a printer.

Awards

Korea Intelligent Robot Contest (2006)

The 1st prize: BT3(Intelligent Home Service Robot) - Home security robot based on 4 legs dog.