

SJ (Seongjun) Kim

- Software Engineer (Backend & Platform) + MSEE with 7 years of professional experiences.
- LinkedIn Profile: <https://www.linkedin.com/in/bus710/>
- Carlsbad, CA, 92010

Experiences

Software Engineer - Cloud, Coinbase (Jun 2023 - Present)

- Working from the EAA team.
- Writing Go code for the internal APIs within the help center supporting projects. Continuously updating k8s and infra configs per request.

Software Engineer III - Integrations, Twitter (Sep 2022 - Jan 2023)

- Worked from the Audio Space team.
- Developed Go based lint tools to analyze struct/DB annotations. Managed CD/CI to add the tools as a part of developer workflow and pipeline.

Software Engineer III - Cloud, Egnyte (Jan 2021 - Jul 2022)

- Worked from the Migrations team.
- Developed Go based cloud services to manage massive file migration between on-premise and AWS/GCP storage services. Delivered self-managed k8s clusters to help international services.

Software Engineer II - Cloud, HP (May 2019 - Jan 2021)

- Worked from the Retails Solutions team.
- Developed Go based cloud services for integrated customer services of retail stores. Delivered self-managed k8s cluster on AWS from PoC to production for HP POS systems.

Software Engineer - Integrations, Legrand (June 2016 - May 2019)

- Worked from the Lightings Control team.
- Developed Bluetooth MCU based real time applications using C. Delivered remote FOTA and control backend using Go/Docker/k8s.

Software Engineer I - Integrations, ABOV Semicon and others (Apr 2011 - Apr 2014)

- Worked from the Test Automations team.
- Developed ABOV's MCU based software by using C for automotive and digital appliance products. Designed digital circuits with 8 bit and 32 bit MCU system.

Educations

Master's Degree, Electrical Computer Engineering

- **California State University, Los Angeles** (CA / Sep 2014 - Feb 2016)
- Thesis: Parallel Processing of an Epipolar Geometry Algorithm on an FPGA Fabric Using OpenCL.
- GPA: 3.8

Bachelor's Degree, Electrical Engineering

- **Seoul National University of Science and Technology** (Seoul, Korea / Mar 2006 - Feb 2010)
- Lab Activity: Project Integration Using ARM Based Linux System and AVR Microcontrollers for Industrial Applications.

Free/Open Source Software Projects

Golang + VSCODE Development Environment Setup

- <https://github.com/bus710/golang-dev-env-setting>
- Emerging high performance programming language, Go's installation, kicking a project off, IDE setting, and debugging.

Matrix2 - a toy project for Sense Hat with Go/Flutter app

- <https://github.com/bus710/matrix2>
- A toy project that provides its Flutter/web front-end and Go server to control the LED matrix of Sense Hat

Zephyr RTOS Development in Linux

- <https://github.com/bus710/zephyr-rtos-development-in-linux>
- A tutorial to install Zephyr RTOS development setup in Linux