

Contact

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Top Skills

Continuous Integration and Continuous Delivery (CI/CD)

Process Automation

Artifactory

Kiet Nguyen

DevOps Engineer at Renesas
Ho Chi Minh City, Vietnam

Summary

- 2 years of professional experience in Embedded engineer and DevOps engineer.
- Proficient with various development, testing, development and build tools: Git tool, Repo tool, Jenkins, Docker, Gitlab,...
- Proficient in applying Agile methodology, Branching strategy and CI/CD pipeline for software development and delivery
- Knowledge of Linux, Kernel, Android Recovery, Android Bootloader,...
- Debug tools: UART debug, logcat debug, dmesg debug, kernel debug...

Experience

Renesas Electronics

DevOps Engineer

July 2024 - Present (9 months)

Ho Chi Minh City, Vietnam

Datalogic

Embedded Android Engineer

May 2022 - July 2024 (2 years 3 months)

Ho Chi Minh City, Vietnam

- DevOps Operator experience:
 - + Develop Jenkins Pipeline jobs for official/development release of Qualcomm SDM660 products.
 - + Establish a robust CI/CD workflow across GitLab, Jenkins and Artifactory (Sharepoint, Jfrog) servers, ensuring code quality and security.
 - + Administer and secure GitLab server hosting large-scale Android source code for diverse platforms.
 - + Transfer and reorganize a mirror server to align with Qualcomm's updated platform codebase.
 - + Automation tools development.
- Embedded Android Engineer experience:

- + Support Maintenance Release and Security Maintenance Release for Android 11 mobile computers using Qualcomm SDM660 chipset.
- + Desert upgrade from Android 11 to Android 13 and maintain BSP for android-base mobile computers powered by Qualcomm SDM660 chipset.
- + Support OTA upgrade from Android 9/10/11 to Android 13 without a factory reset or abnormal behavior and handled all defects related to this field.
- + Configure AOSP source code to follow Google's requirements, ensure that devices had stable behavior.
- + Take responsibility to get Bluetooth Special Interest Group certificate on Datalogic's products.
- + Fix addressed issues from new features configurations, functional issues, GMS Test,...
- + Implement required features from Google and Qualcomm.
- + Customize Android Recovery and Android Bootloader.
- + Resolve software issues and bugs for Android devices in collaboration with engineers from Qualcomm and Google.

Education

HCMC University of Technology and Education

Bachelor of Engineering - BE, Mechatronics Engineering

Technology · (September 2018 - September 2022)