

## Staff / Senior / SW Integration Engineer RBMP/ ESS2

RBMP/ENG is the research and development department for Robert Bosch Car Multimedia in Penang and serves as a center for global engineering services integrated into the CM development network. RBMP/ENG is divided into five sections: RBMP/ESS: Engineering Software and System Test, RBMP/EPM: Project Management, RBMP/EPX: Project management and engineering support for small control units (xCU), RBMP/EHM: Engineering Hardware and Mechanics, and RBMP/EPX: Product data management, resource management and central services.

RBMP/ENG provides engineering services in Mechanical-, HW- and SW - engineering as well as system test and project management to Head Unit & Telematic Control Unit Business Unit in Bosch Car Multimedia. DGS-ES is supported by RBMP/ENG in terms of plant project management & engineering support for small control units. PgP1 receives manufacturing related engineering support from RBMP/ENG. In all domains RBMP/ENG is responsible for cost driven platform architecture and development.

**RBMP/ESS 2** are the embedded software development team within RBMP/ENG. We are responsible to execute complete embedded software development lifecycle. The goal is to create scalable and optimised software system.

### Job Descriptions

- Software integrator is responsible for the provision of defined SW products and for the verification of their scope and quality
- The software integrator is responsible for reliable archiving and administration of all configuration items of the SW project
- The software integrator ensure that the procedures, methods, and tools used in the project are in line with the strategic targets of the business unit for SW configuration management
- Align with software project managers on software release planning to customer, system test and production
- Adhere to Bosch Software Engineering Processes
- Involve in development of Build-System/Tooling, automation / infrastructure as well as release management using both standard and proprietary software tools and libraries.

### Requirements

- Bachelor Degree in Electrical / Electronic Engineering or Computer Engineering / Science;
- Proven working experience in software integration and software configuration management
- Experience in source code management tools such as Clearcase, GIT and SCM
- Experience in DevOps toolchains such as Yocto GNU build system, Jenkins, JFrog Artifactory and Rational Team Concert
- Experience scripting language such as Linux shell, Perl, Python, Windows batch script, Powershell and VB script
- Good understanding of software engineering methodologies and processes such as Agile, SCRUM, Automotive SPICE and CMMI
- Knowledge in programming language such as C/C++ and Java
- Experience in embedded software development is a plus
- Experience in Windows / Linux server administration is a plus
- Good oral / written communication and interpersonal skills.
- Willingness to learn and improve.
- Able to integrate and to work in a global and cross functional team
- Willing to work in Bayan Lepas Phase 1

### Reports to:

Heah Kok Wooi  
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