

SW Development Engineer RBMP/ESS1

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/EPS: 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 1 and 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

- Collaborate as project team member on Software design matters.
- Capture and evaluate customer, internal requirements and vehicle specific interface requirements. Identify suitable concept in terms of functional, technological and effort.
- Adhere to Bosch Software Engineering Process as e.g.:
 - Perform requirement reviews, design reviews and code reviews.
 - Perform unit testing and release of the software according to SW release process.
- Develop the SW design taking into consideration the dependencies to other module and integration into the overall system.
- SW programming using both standard and proprietary software tools and libraries.
- Create SW test specifications and protocols, if necessary develop test SW. Executes test plans to ensure new software meets specifications, functionalities and performance requirements.
- Analyze failure log, clarify system problems and resolve design issues.
- Develop and produce technical reports, design analysis and documentation in support of designs.
- Assist Manufacturing in troubleshooting manufacturing related problems.
- Provide post production support.

Requirements

- Bachelor Degree in Electrical / Electronic Engineering or Computer Engineering / Science;
- Solid programming experience in C or object oriented programming
- Adequate knowledge of reading schematics and data sheets for components
- Good oral / written communication and interpersonal skills.
- Able to integrate and to work in a team.
- Willing to work in Bayan Lepas Phase 1

Reports to:

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