

DAIMLER

Trucks and Buses _ Drivetrain Controls _ MBD _ Sr.Engineer

for Mercedes-Benz Research and Development India Private Limited

Contact

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Job-ad-number

MER00010V7

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Field of activity

Research and Development incl. Drivetrain Controls 1 Design

Department

Drivetrain Controls 1

Tasks

Powertrain ECU Application SW development Engineer

Excellent exposure in Engine/Transmission/Drivetrain/AUTOSAR system functions and Hands on in ECU SW development life cycle.

- Setup and operate as part of Mature Software development platform in par with ISO standards
- Control system algorithm / Model based development using using MATLAB Simulink, stateflow with adherence to modeling guidelines/ COM stack configurations (Autosar/Non-Autosar) .
- Ability to drive innovation and demonstrate technical leadership.
- Ability to handle project responsibilities, Stakeholders communication, Planning SW milestones and delivering the same on time
- Good Communication and interpersonal skills

Desired Key Skills:

- Model based development tools like Matlab-Simulink, Stateflow or ASCET.
- Experience in vehicle control ECUs with knowledge on Transmission, axle and traction functions
- Good Functional Knowledge in Torque / Speed monitoring / governors, cruise control, gear shift functions
- Expertise in CAN communication, Autosar BSW, SAE j1939 standards, Diagnostics in Automotive domain
- Expertise in CAN communication, SAE j1939 standards, Diagnostics communication Sw development in Automotive domain
- Good exposure to configuration management tools like PTC integrity, SVN, Jira, GIT and requirement management

tools like DOORS.

- Experience in software integration, Build and Flash delivery to Plant
- Experience in hardware debugging and setting up Test Bench set-up's and HIL setups

Job Responsibilities:

- Development and validation of Application Software (Level 1 and level 2 monitoring SW).
- Planning, tracking, holding status meetings with stakeholders ensuring deliverables completed as per the requirements.
- Involvement in ECU project activities integration, Build, Validation & Verification and Delivery
- Responsible for acceptance testing, DRBFM, FMEA, Regression test, EEP, CANstress test, analysis and resolving of issues reported by customer.

Qualifications

Qualifications - External

B.E/ B.Tech/M.tech Education Engineering in Electrical or Electronics or

Mechanical/Automobile Engg No of Years: 5 to 7yrs Experience

Type of Work: Powertrain ECU Application SW development

Areas of Work: Function Development, MBD, Coding, BSW, CAN Knowledge.

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Benefits



Company car possible



Inhouse Doctor



Meal-Discounts



Coaching



Company Retirement



Barrier-free workplace



Flexitime possible



Home Office possible



Mobile Phone possible



Good public transport



Canteen-Cafeteria



Events for employees



Parking



Near-site Childcare



Health Benefits



Discounts for employees possible



Internet Connection