

Rahul K G 

Software Development Engineer with demonstrated history of working in Automotive Industry

Strong technical skill in C , C++

Hands on experience in CMake , Make and Linux Platform

Excellent understanding of Data Structures and Algorithms

Current Designation: Software Development Engineer

Total Experience: 3 Year(s) 5 Month(s)

Current Company: Mercedes-Benz Research & Development India

Highest Degree: B.Tech/B.E. [Computer Science and Engineering]

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Algorithms,Socket Programming,C,C++,Embedded C,Multithreading,Embedded,Data Structures,STL,Design Patterns,OOPS,Object Oriented Design,Linux,Linux Kernel,Linux Device Drivers,Linux Kernel Programming,Device Drivers,Kernel Programming,RTOS,ARM,X86

Verified : Phone Number | Email - id

Last Active: 19-Jan-21

Last Modified: 19-Jan-21

Summary

Result-oriented Software Development Engineer with demonstrated history of working in Automotive Industry

Work Experience

Mercedes-Benz Research & Development India as Software Development Engineer

Jul 2017 to Till Date

Developed the RAW socket based Ethernet level protocol for communication between embedded hardware and Linux machine in C and C++ .

Developed the C based embedded driver for CAN FLEXRAY based Hardware.

Implemented the acceptance test of complete Driver using Google Test .

Assisted in designing, coding, testing, deploying, maintaining, enhancing, and supporting company software systems.

Testing and implementing C++ applications for Linux platforms

Supported development and integration of C++ applications as per specifications.

Developed the C Security modules i.e Crypto driver for Autosar Stack

Worked on CAN protocol and Embedded C Programming.

Implemented the high level C++ OOP oriented interfaces for the Low level driver code

Mercedes-Benz Research & Development India

Bangalore | Graduate Engineer Trainee 07/2017 - 04/2018

Developed and maintained low level driver code

Enhanced & maintained Software / Application Development & Architecture

Troubleshooted software issues

Performed testing, maintenance, and analysis of code

Optimization and tuning of previous applications.

Education

UG: B.Tech/B.E. (Computer Science and Engineering) from Sri Jayachamarajendra college of Engineering in 2017

IT Skills

Skill Name	Version	Last Used	Experience
C		2020	3 Year(s) 4 Month(s)
Embedded C		2020	3 Year(s) 4 Month(s)
Socket Programming		2020	3 Year(s)
C++		2020	3 Year(s) 5 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				
Kannada				

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent
Employment Status: Full time