Jeyaraman 🌟 Featured

Software Engineer seeking assignments in Embedded System,Embedded Software Designing,Embedded C,Software Engineering,Program Management,Requirement Gathering,Gap analysis,Python,Matlab,Keil uVision,IAR workbench,Pycharm,BusMaster,OBD-2 simulator,JTAG

Current Designation: Software Engineer-Embedded

Current Company: Cranes Software International Limited

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore,Chennai,Coimbatore

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Total Experience: 3 Year(s) 0 Month(s)

Notice Period: 1 Month

Highest Degree: B.Tech/B.E. [Electrical and Electronics Engineering]

Key Skills: Software Engineer,Software Developer,Embedded System,Embedded Software Designing,Embedded C,Software Engineering,Program Management,Requirement Gathering,Gap analysis,Python,Matlab,Keil uVision,IAR workbench,Pycharm,BusMaster,OBD-2 simulator,JTAG

Verified :　　**Phone Number |**　　**Email - id**

Last Active: 20-Jan-21　　　　Last Modified: 20-Jan-21

Summary

3 years of work Experience in Embedded software design and development.
Knowledge of ARM7, ARM Cortex M3 architectures.
Strong knowledge of Embedded protocols - UART, SPI, I2C, and CAN.
Knowledge of network protocol MQTT (ISO/IEC 20922), REST API.
Experience in FreeRTOS, Vxworks Python scripting.
Knowledge of CAN-TP(ISO15765-2) & Design flow through AUTOSAR Architecture.
Knowledge of UDS Bootloader Services.
MISRA C guidelines for the critical system in Automotive Software Development.
Knowledge of GIT version control tool.

Work Experience

Cranes Software International Limited as Software Engineer-Embedded
Dec 2017 to Till Date

Developing projects based on ARM7, ARM-Cortex-M3 based microcontroller, Raspberry-Pi.
Driver development for UART, SPI, I2C and CAN protocols.
Worked on Cloud to Gateway, Gateway to node connectivity model.
Trained corporate candidates from BEL Academy, Allegion, Rockwell Collins.

Education

UG: **B.Tech/B.E. (Electrical and Electronics Engineering)** from **Park College of engineering and technology, Anna University, Coimbatore** in **2015**

IT Skills

Skill Name	Version	Last Used	Experience
C, Embedded C		2020	3 Year(s) 0 Month(s)
Keil uVision, IAR workbench		2020	3 Year(s) 0 Month(s)
PyCharm		2020	2 Year(s) 0 Month(s)
OBD-2 simulator, JTAG			1 Year(s) 0 Month(s)
UART, SPI, I2C, CAN		2020	3 Year(s) 0 Month(s)
FreeRTOs	11.0	2020	2 Year(s) 0 Month(s)
Python	3.9	2020	2 Year(s) 0 Month(s)
MATLAB		2018	1 Year(s) 0 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Beginner			
Tamil	Expert			

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time