ROBERT SMITH

Embedded Engineer I

info@qwikresume.com | LinkedIn Profile | Qwikresume.com

4 years of work experience in the field of Embedded SYSTEM, AUTOSAR OS and Network Programming. Sound knowledge on embedded communication protocols CAN, LIN, FLEXRAY and E2E. Experienced in Development of AUTOSAR Operating System, Network Programming (E2E) using C/Embedded C. Excellent knowledge on AUTOSAR COM STACK architecture and sub systems.

EXPERIENCE

Embedded Engineer I

ABC Corporation - MAY 2014 – OCTOBER 2014

- Understands the AUTOSAR Os Specification, Understanding the hardware Manual, Implementing with adherence to AUTOSAR guidelines, testing the module developed for JLR.
- Analysis of the different module present in the MPC5748G series.
- Understands the AUTOSAR requirements to be captured and implemented.
- Prepares a high level design and low level design for implementation.
- Prepares a Flow chart/algorithm for implementation.
- Identifies the function to be implemented, its parameters and its behavior.
- Implements the functions identified.

Embedded Engineer

Delta Corporation - 2010 – 2014

- Duration Jul 2013 - Sep 2013 Team Size 2 Environment Embedded C, Tasking, ARTOP, ECU Spectrum, GHS Compiler, WinIDEA, Single core (SPC56x) Microcontroller.
- Job Description Role includes Understanding the AUTOSAR Os Specification, Understanding the hardware Manual, Implementing with adherence to AUTOSAR guidelines, testing the module developed for BMW.
- Responsibilities In-depth analysis of the Hardware Manual, AUTOSAR SWS requirements.
- Preparing a high level design/ Flow chart/algorithm for implementation.
- Worked on IBM rational DOORS 8.1 to write and manage software requirements.
- Requirements review to meet the Guidelines of ISO.
- Identifying the function to be implemented, its parameters and its behavior.

EDUCATION

- B.E in Instrumentation Technology - January 2012(BVB College of Engineering - Bangalore, Karnataka)

SKILLS

Autosar, Autosar Integration, CAN And LIN Tools, Embedded.