

## Embedded System Engineer

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Company: Ultiwise Consult

Location: dubai

Category: other-general

The job posting is outdated and position may be filled. Lead end to end Embedded Hardware & Software project development. Responsible for product design, testing, debugging and documentation in all phases of development. Develop hardware and software specifications. Develop tools and techniques for testing and verification. Hands-on hardware bring-up, system debugging and code optimization. Expertise experience in C, C++ - Firmware & Kernel Development. Good to have - Exposure to embedded/testing. Must have - Exposure to communication protocols/HW interface. Interact with partners and suppliers in technical discussions throughout the development and deployment phases.

**QUALIFICATIONS AND EDUCATION REQUIREMENTS** SBS/BE/B.Tech or MS/ME/M.Tech in Electronics Engineering, Computer Science Engineering or the equivalent in experience with evidence of exceptional ability. **PREFERRED SKILLS** Minimum of 6-8 years of relevant experience (embedded system design). Deep Knowledge in communication protocols such as CAN(-FD), J1939, I2C, USART and SPI. Familiarity with automotive development: MISRA-C, CAN, LIN, MOST, UDS. Experience in Communication, Debugging and troubleshooting skills. Experience with the embedded microprocessors /micro-controller and software development tools. Instrument Knowledge - CROs, Logic Analyzers, Spectrum Analyzer, CMW500, LCRQ meter, etc. Should have sound knowledge of NPD & NPI.

**Job Title:** Embedded System Engineer  
**Department/Group:** Engineering Job

**Description** **ROLE AND RESPONSIBILITIES** Lead end to end Embedded Hardware & Software project development. Responsible for product design, testing, debugging and documentation in all phases of development. Develop hardware and software specifications.

Develop tools and techniques for testing and verification. Hands-on hardware bring-up, system debugging and code optimization Expertise experience in C, C++ - Firmware & Kernel Development Good experience on RTOS, Linux & Android Must Project understanding & Requirement writing experience Good to have - Exposure to embedded/testing Must have - Exposure to communication protocols/HW interface Interact with partners and suppliers in technical discussions throughout the development and deployment phases.

**QUALIFICATIONS AND EDUCATION REQUIREMENTS** BS/BE/B.Tech or MS/ME/M.Tech in Electronics Engineering, Computer Science Engineering or the equivalent in experience with evidence of exceptional ability **PREFERRED SKILLS** Minimum of 6-8 years of relevant experience (embedded system design) Deep Knowledge in communication protocols such as CAN(-FD), J1939, I2C, USART and SPI. Familiarity with automotive development: MISRA-C, CAN, LIN, MOST, UDS Experience in Communication, Debugging and troubleshooting skills Experience with the embedded microprocessors /micro-controller and software development tools Instrument Knowledge - CROs, Logic Analyzers, Spectrum Analyzer, CMW500, LCRQ meter, etc. Should have sound knowledge of NPD & NPI. Disclaimer: Drjobs.ae is only a platform that connects job seekers and employers. Applicants are advised to conduct their own independent research into the credentials of the prospective employer. We always make certain that our clients do not endorse any request for money payments, thus we advise against sharing any personal or bank-related information with any third party. If you suspect fraud or malpractice, please contact us via contact us page. Our goal is to make hiring as easy as possible. We find the right talent for every company, ensuring that each candidate finds a job they enjoy. Dr.Job FZ LLC provides 360-degree AI-powered recruiting and job search solutions. If you are looking for a job and haven't found your chance yet, you can upload your profile on our website and find thousands of opportunities globally! Our platform gives you the flexibility you need to thrive in today's market by allowing you to apply for all different kinds of jobs, whether they are full- or part-time, remote or on-site. #J-18808-Ljbffr

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