Samtel Avionics Ltd.

Job Description: Assistant Manager Software

Summary:

Experience: 4+ Years

Location: Samtel Avionics, Gurgaon

Education: BEE / B.Tech. – Computer Science or Electronics & Communications/Telecommunications

Industry Type: R&D, Manufacturing of state-of-the-art Electronics products for defense/military/aerospace industry.

Role: Design & Engineering

Desired Candidate Profile

- Roles & Responsibilities: Do embedded Systems Design and Development and Embedded C programming

- Writing optimized Interrupt Services Routine and handling it

- Development of Power PC and DSP processor related software

- Debugging, troubleshooting technical problems and providing resolution

- Working with oscilloscopes, in circuit emulators /target System debuggers, computer assisted test stands

- RTOS and Vx Works development

- DO 1788/C-level A/B experience or safety critical Software Development

Skills / Expertise:

- Well versed in Embedded Development and Embedded C programming

- Familiarity with 8,16,32-bit Microprocessors/Microcontrollers and experience in programming them as per application needs based on study of data sheets

- Experience in programming memory and IO chips as per application needs based on study of data sheets

- Familiar working in lab environment using oscilloscopes, in circuit emulators /Target system debuggers, computer assisted test stands.

- Hands-on experience with communication protocols like ARINC 429, I2C, SPI, UART

- Experience of Interrupt handling and writing optimized Interrupt Service Routines

- Good Experience with Power PC and DSP processors related software development

- Strong debugging skills, Troubleshooting Technical Problem and providing resolution

Other Attributes

- Energetic,

- Self-driven/ initiator,

- Relationship oriented,

- English Communication Skills (Written & verbal),

- Strong analytical & Engineering knowledge,

- Effective Planner