

### JODY BAUDOIN

#### CREDENTIALS

- Six Sigma Green Belt Certified
- Micrium Real Time Multi-tasking High Reliability OS Training
- M.S. Computer Science, Univ of Louisiana Lafayette

Graduate assistant for the USL Computing Center, provided technical computer support to students, faculty and staff (UNIX, IBM mainframe, and MULTICS systems).

- B.S. Petroleum Engineering, Louisiana State University

#### EXPERIENCE

- ~30 years of full life cycle software development experience on both embedded and commercial platforms
- Free-lance software development primarily for medical devices including embedded software for OR devices, medical mobile apps (Android and iOS), Bluetooth communications, and portable battery operated class II devices.
- Perform code reviews using manual inspection and utilizing static analysis tools.
- Trained in medical device software development at GE Medical Systems
  - Embedded software development for neonatal patient monitoring
- Oilfield software development (data collection and analysis applications)
- Technical:
  - Various computer languages and operating systems (Embedded, Android, Windows, Unix/Linux, VMS, C/C++, Java, C#)
  - Inter-process communication, device interfacing, remote data acquisition protocols (CAN, RS232/RS485, MODBUS, satellite , serial, Ethernet, shared memory, RPC, OLE, mail box messaging)
  - Non-volatile memory (persistent data storage: FROM, EEPROM, disk)
  - Embedded ARM, MSP430, PIC24/PIC18
  - Boot loaders (Atmel, ARM, PIC)
  - Device interfacing