



Example of Staff Firmware Engineer Job Description

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Our company is hiring for a staff firmware engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for staff firmware engineer

- Knowledge of Verilog (reading/understanding) is a plus
- Developing firmware to Synatpics' audio products
- Work closely with IC team to test FW on FPGA platform in early production stage
- Resolve customers' integration and performance issues
- The engineer would have to work closely with various groups like marketing, applications engineering, DSP, hardware, VLSI, in defining, implementing, testing and productizing common audio firmware and tools to support a wide-range of IoT customers
- He/She would need to work closely with the applications engineering team on resolving customer issues
- He/she would be involved in designing, implementing, testing and deploying firmware supporting various audio flow scenarios
- The engineer would also be involved in creating Automated processes for building, releasing and testing of firmware
- Lead development of firmware features for our next generation CGM transmittersCollaborate with stakeholders to define firmware requirements and design specifications
- Represent needs of a specific product and assist with creating development backlog for the firmware team

Qualifications for staff firmware engineer

- Minimum of 5 years of experience in Object Oriented Analysis and Design
- Minimum of 3 years of experience programming microcontrollers (TI and/or ADI DSP, ARM, x86)
- Ability to work with the project team and project stakeholders to find best fit technical solutions
- Familiarity with Xilinx MicroBlaze ARM processor architecture is desirable
- Proven experience in working successfully in Agile, Scrum or XP, teams