

Robert Smith

Engineering Consultant II

CONTACT DETAILS

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Alabama
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SKILLS

Firmware, Hardware,
Mechanicak.

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference - 1 (Company Name)
Reference - 2 (Company Name)

PERSONAL STATEMENT

Engineering leader with extensive experience producing high customer value in products and services. Background in providing technical insights for problem resolution and enhancing efficiencies through Lean practices and process improvement.

WORK EXPERIENCE

Engineering Consultant II **ABC Corporation - 2009 - 2012**

Responsibilities:

- Coordinated product development projects including developing and managing product from concept to product launch.
- Provided design concept, design verification, resource planning, budgets, and time lines.
- Result Coordinated and launched project with coordination through company sales and marketing department as planned.
- Created a set of product concepts for consumer-grade portable lighting and power distribution.
- Result The program manager had a complete product concept presentation, including 3D renderings and 3D printed prototypes of 4 initial products.
- Included preliminary manufacturing cost estimates.
- Resolved manufacturing issues with molded component supplier.

Engineering Consultant **ABC Corporation - 2004 - 2009**

Responsibilities:

- Responsible for firmware development on Xilinx base uBlaze softcore processor.
- Configured the hardware and wrote software in C for a conference phone.
- Also worked on VoIP type phone equipment using the Telogy VoIP stack.
- The phone also used VxWorks for the RTOS.
- Wrote TFTP utility using UDP Designed the firmware update facility for the phone.
- It included CRC verification of the image on each boot and data comparison to insure the latest version was loaded Helped with the web server back end with value updates Worked with Xilinx FPGA (Spartan 3) to implement VoIP driven second generation phone.
- Created the project using the uBlaze processor along with several UARTS, SPI ports, and various GPIO to communicate with other processors and peripherals including an LCD and keypad..

Education

MBA - (Shippensburg University - Shippensburg, PA)