

---

# MICROCONTROLLER PROGRAMMER RESUME

John Kerr  
1239 Oakridge Farm Lane  
New Berlin, WI 53151  
(333) 689-4314  
Email : [email]

---

## Career Goal:

---

To join your prestigious organization as a Microcontroller Programmer to confidently share my technical competence in Assembly, Visual Basic, GSM, UMTS, MS Visual Studio and C#,

---

## Technical Skills:

---

Operational knowledge of software tools and technologies namely:

- Robotic control systems
- Micro controllers
- Embedded programming

Thorough with programming languages:

- C, C++, C#
- VB, Pascal
- Assembly

Adept with tools like:

- Xilinx FPGA
- Microchip MPLAB

Quick and brilliant with technologies:

- GSM
- UMTS

Adroit with software development processes:

- CMMI
- Configuration Management

Crystal clear with methodologies:

- Project Management
- SPC, FMEA
- Root cause analysis

Skilled in using Microsoft applications:

- Project
- Visual Studio

Strong abilities to:

- Implement software design techniques
- Perform programming using PIC C compiler

---

## Relevant Experience:

---

Microcontroller Programmer  
IDEX Corporation  
January 2012 – Present  
New Berlin, WI

- Designed and developed cellular communication of ARM platform.
- Participated in product development lifecycle along with research and verification.
- Supported testing, lab integration and coding functions of products.
- Created embedded software and firmware applications of thermal systems.
- Formulated product requirements and analyzed software microprocessors.
- Prepared technical documentation of software maintenance and business functions.
- Maintained and updated circuit board and technical diagrams.
- Implemented system testing and certification support services.

Microcontroller Programmer

SNI Technology  
November 2010 – January 2012  
Colorado Springs, CO

- Implemented manual and electronic operation of computer programs.
- Designed and developed embedded software programs for implementation.
- Supported operation and maintenance of safety control units.
- Prepared and maintained documentation of software applications as per established standards.
- Coordinated with team members for maintenance of control modules.
- Supported functionality of communication devices and displays.
- Created working domain for C and Verilog systems with ARM and FPGA.
- Conducted research and coding functions for software product development.

---

### **Educational Background:**

---

Bachelor's Degree in Computer Science  
John Carroll University  
August 2006 – May 2010  
University Heights, OH

[Build your Resume Now](#)