

# Eric L. Macy

302 River Street  
Hillsdale, MI 49242

eric\_macy.resume@nonik.com

Work: 517-437-4294

Cell: 517-425-0159

## Employment:

### Nonik Technologies, Inc. Hillsdale, Michigan

September 2002 – Present

#### *President:*

- Deployment of a Microsoft Hyper-V clustered failover environment with SAN and a remote disaster recovery site.
- Managed the deployment of an Open-Mesh wireless system covering downtown Hillsdale.
- Development of three generations of On Demand Labeling (ODL) software to mistake proof label printing, use real-time EDI information, and provide traceability through parent-child packaging relationships.
- Proven track record of increasing company revenue by 20 to 30% annually
- Increased service offerings from custom programming services to a full service Information Technology company offering hardware, software, networking, custom software programming, and website design and hosting.
- Leading the development process for implementing Managed Services, remote administration, and security management offerings to further increase revenues.
- Design and deployment of a secure public Internet access network at the Hillsdale Community Library.

### Bose® Corporation Hillsdale, Michigan

April 1997 – September 2002

#### *Engineering and Quality Manager:*

- Engineering & Quality Manager April 2002 to September 2002
- Quality Manager April 2001 to April 2002
- Engineering Manager April 1997 to April 2001
- Additionally responsible for Maintenance, Facilities, and Information Technology Systems at a \$100 million manufacturing facility.
- Implementation of product and process quality improvements that reduced defects below 10 PPM and received the Bose® Quality Improvement Award in FY 2001.
- Implementation of over \$100k in cost savings annually and received the Bose® Cost Reduction Award in FY 2000.
- Managed the start-up of two new facilities that doubled the operating revenue of the Hillsdale operation.
- Converted all IT operations from an AppleTalk network to a Cat5e Ethernet with 3 Windows NT 4.0 servers including Exchange Server 4.0, and SQL Server 6.5.
- Installation of fiber optics between buildings in the Industrial Park and a T1 connection to corporate offices in Boston, MA for voice and data services.
- Designed and implemented label/scale systems to mistake-proof label information and pack quantities.
- Designed and implemented a production tracking system to measure improvements in productivity.

August 1996 - April 1997

#### *Manufacturing Engineer:*

- Responsible for all existing engineering production support; approx. 200 different products.
- Continually working with the new product teams and plant personnel to implement new products.
- Improving existing production by implementing cost reductions and new processes to the plant.
- Supported the implementation of a QS9000 quality system to the facility.

### Siemens Electromechanical Components, Inc. (now Tyco Electronics, Inc.) Princeton, Indiana

February 1995 - August 1996

#### *Project Manager:*

- Project involves transferring the product design from a sister division in Germany, overseeing design and build of automation equipment by an outside supplier in Switzerland, and start up of production in the United States for customers in the United States, Canada, and Japan.
- Responsible for an \$18 million project budget, to purchase molds, dies, and automation equipment, which was successfully held with-in budget.
- Specified equipment capabilities and quality levels then performed run-off studies to verify adherence to specifications.
- Installation of fully automated line with full documentation adhering to QS 9000 standards (Control Plan, PFD, Process FMEA, etc.).

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-Training of line personnel in SPC, process and product knowledge, and use of gages specific to the line.

June 1994 - February 1995

*Product Development Engineer:*

- Involved in concepting, designing, and testing a new relay for the automotive market.
- Worked within a project team to maximize quality and manufacturability, while reducing the cost to make.
- Programmed and implemented a software package to simplify and streamline Process and Design FMEA's helping to reduce product and process development time.
- Utilized FEA modeling (ANSYS) to develop the relay spring geometry, performance, and extend mechanical life.

June 1993 - June 1994

*Automation Design Engineer:*

- Involved in project teams where I was responsible for the mechanical design and cost of several automated modules from concepting through to debug.
- Created budgetary quotes and fully concepted proposals for two new automated assembly lines.
- Programmed and implemented a database to track automation project costs and assist in cataloging and controlling the departmental standard part inventory.

June 1992 - June 1993

*Manufacturing Engineer:*

- Increased the long term production of two assembly lines while ramping them up from 10,000 parts/week each to producing over 150,000 parts/week each.
- Improved the manufacturing quality by performing root cause and defect analysis of customer returns and inspection rejects then developing action plans.
- Interacted with customers and suppliers to improve process capabilities.
- Developed several Standard Operating Procedures, Process FMEA's, and Preventive Maintenance Schedules.

**Littelfuse® Corporation**  
**Arcola, Illinois**

May 1991 - August 1991

*Manufacturing Engineer:*

- Implemented process improvements on the Midget Fuse® production line.
- Responsible for configuration of new PC's and maintaining existing computers.
- Designed and machined parts for production equipment.

**Sungene Corporation**  
**Champaign, Illinois**

May, 1989 - Aug., 1989

*Field Supervisor:*

- Responsible for coordinating the work of a 16 person field crew at a seed corn research facility.
- Assured that the crew met planting, pollinating, and de-tasseling schedules and handled any disciplinary problems that arose.

**Training/Certifications:**

- MCP, MCSA, MCSA: Security, MCSE, and MCSE: Security – Certified since 2006
- CompTIA Security+ Certified Professional – since 2008
- Microsoft Small Business Specialist – since 2006
- Umbraco CMS Level 2 Certified Professional – since 2009
- Microsoft Professional Software Development Training – 2000 to 2002
- M.O.S.T. Certified - 1996 & 1997
- Negotiating Training - 10/96 (8 hrs.)
- Beginning conversational German - 7/92 to 11/92 and 1/94 to 4/94 (90 hrs.)
- Statistical process control methods - 3/93 (21 hrs.)
- Geometric dimensioning and tolerancing - 7/93 (11 hrs.)
- Basic machining principles with hands on training using an end mill, lathe, and grinder - 10/93 (160 hrs.)

**Development Languages:**

- Expert: VB.NET, ASP.NET, T-SQL and VB6.
- Proficient using: C# and ASP, FORTRAN, and PASCAL

**Organizations:**

- Merit Advisory Council – Ann Arbor, MI (member since 2009)

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- Hillsdale County Domestic Harmony – Hillsdale, MI (Board of Directors 2005 – 2010, Chairman 2008 – 2009)
- Hillsdale City Planning Commission – Hillsdale, MI (member 2005 – 2010, Vice-Chairman 2005 – 2007, Chairman 2008)
- Rotary International – Hillsdale, MI (member since 2000, Board of Directors - 2002)
- Michigan Small Business Server User Group – Southfield, MI (member since 2005)
- Elks Lodge #1575 – Hillsdale, MI (member since 2000, Scholarship Committee 2002, Investigation Committee 2001 - 2004)
- BNI – Hillsdale, MI (member 2004 - 2006, Vice President 2005)
- SME Chapter 73 – Evansville, Indiana (member 1993 - 1996, Secretary 1994, Second Vice-Chairman 1995, Chairman Elect 1996)

## Education:

B.S. in Mechanical Engineering, University of Illinois; Graduated May 1992.  
Deans List - Fall Semester 1991.