

Michael A. Meffie III

7520 Carmen Drive, North Canton, Ohio, 44720
mike@meffie.org 330-417-2877

SUMMARY A senior software engineer skilled in systems and application development and support.

EDUCATION *Bachelor of Science*, Electrical Engineering
University of Toledo, Toledo, Ohio
Degree Awarded: 1988
Concentration: Digital Systems

TECHNOLOGY *Operating Systems:* Linux, Solaris, Windows 2000/NT/XP
Development: C, C++, Java, Perl, PHP, shell
Web: Apache, Tomcat, HTTP, HTML, CSS, JavaScript
Tools: Visual Studio, Eclipse, gcc, gdb, CVS, git
Database: MySQL

EXPERIENCE *Senior Software Engineer* 2007 - present
Sine Nomine Associates
Systems and Networks Solutions

Senior Software Engineer supporting open-source systems software for industry, government agencies, and universities.

- Responsible for level 3 support, testing, and development of OpenAFS distributed filesystem software for large scale data storage management.
- Performed troubleshooting, testing, customer installation and upgrades, training, and development of new features.
- Platforms include Linux, Solaris, AIX, HP-UX
- Setup and maintained build status reporting tools.

Senior Software Engineer 1997 - 2007
Diebold Incorporated

Software Engineer in the product development organization. Responsible for product design and implementation of Automated Teller Machine system software.

- Member of the Advanced Technology team. Investigated new technologies for possible product development.
- Architecture committee member of XML standards body for financial services messaging, the IFX Forum, <http://www.ifxforum.org>

Lead Engineer, ATM System Software Projects

- Developed framework to enable custom .NET extensions of legacy products.
- Developed specifications, implemented code, and test harness for software products.
- Developed system startup manager to control ATM software initialization and crash recovery on Windows NT/2000/XP product lines.
- Lead product development from concept prototypes to release.

Lead Engineer, Java Project

- Java component developed to emulate competitor ATM messaging protocol.
- Responsible for design, directed small development team.
- Together/J design model. Automated unit test suite.
- Technology demonstrations to prospective customers.

- Worked with account teams to develop bids.

Trade Show Support

- Developed technology demonstrations.
- Provided technical support to marketing staff.
- Answered technical questions from customers.

Tools

- Setup and maintained CVS server for software version management.
- Setup, maintained, and modify in-house wiki for development teams.
- Setup groupware site for developer forums and documentation repository.
- Developed XML documentation conversion tools using XSLT to convert internal XML format to standard HTML.
- Various Perl tools for documentation and development automation.

Software Engineer

1991 - 1997

InterBold, a Diebold and IBM joint venture

Software Engineer in the Systems Integration organization. Designed and developed software for self-service systems. Technical Lead for a mid-sized C++ application for a major customer.

- Developed software to interface and emulate cryptographic hardware.
- Developed custom applications written in C/C++
- Developed reused C libraries
- Technical consulting engagements
- Version control administrator.
- Setup and maintained the first web server in the internal network.

Applications Engineer

1988 - 1991

Mitech Corporation

Entry-level engineer for a startup.

- Developed software for PC-based instruments.
- Developed data conversion utilities for customers
- Installed equipment at customer site, field serviced equipment, demonstrated product capabilities.
- Designed and wired industrial controls for manufacturing.

COMMUNITY

Founding organizer of the Ohio LinuxFest, a regional free software and open source software conference. <http://www.ohiolinux.org>

AWARDS

Toledo Society of Professional Engineers Award, 1989