

## OBJECTIVE

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Developing version control tools that extend Microsoft Team Foundation Server to non-Microsoft platforms and IDEs.

## EMPLOYMENT

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### **Teamprise** ■ www.teamprise.com ■ Senior Software Engineer (2005 - Present)

Senior Software Engineer for Teamprise Client Suite, a cross-platform and Eclipse plug-in client for Microsoft Team Foundation Server. Focused on architecture and development of the version control user interface.

- Reengineered Teamprise Plug-in for Eclipse and Teamprise Explorer for optimization and future expansion. (Java, Eclipse)
- Developed native code for cross-platform functionality, compatibility and single sign-on via Kerberos and NTLM (C, Java JNI)
- Ensured user interface correctness and native look-and-feel across supported platforms. (Java, SWT)
- Conceived and developed Teamprise Remote Accelerator, a personal version control proxy for TFS. (C#, Windows Forms)

### **Illini Media Company** ■ www.the217.com ■ Director of Information Technology (2004 - 2005)

Managed Software Development, System Administration and Engineering groups for Illini Media Company, a mixed-media firm publishing daily and weekly newspapers, commercial radio stations and new-media web sites.

- Coordinated infrastructure construction for a new campus, including upgraded newsrooms and audio production facilities.
- Developed a 5-year technology roadmap leading to improved staff responsiveness while reducing fixed costs.
- Implemented software development methodologies, stressing quality assurance and component reuse.
- Worked with production and editorial departments to upgrade production and newsroom workflow management software.

### **SourceGear Corp** ■ www.sourcegear.com ■ Software Engineer (2000 - 2004)

Developed Windows and Linux-based software for SourceGear's source code control line of products.

- Researched and implemented file encoding, delta and transmission strategies for Vault. (C#)
- Worked with the Mono team to provide cross-platform integration to Vault Command-Line Client. (C#)
- Developed an HTTP/1.1 web server with JavaScript interpreter to enable collaborative functionality in SourceOffSite. (C++)
- Managed computers and networks during our growth phase. (SourceGear named an Inc 500 fastest growing company, 2002.)

## Additional Employment

- **Online Billing Solutions, Inc.** ■ Software Architect (1998 - 2000)
- **Wolfram Research, Inc.** ■ www.wolfram.com ■ Web Application Developer (1996 - 1998)
- **Wolfram Research, Inc.** ■ www.wolfram.com ■ Unix System Administrator (1995 - 1996)
- **National Center for Supercomputing Applications** ■ www.ncsa.uiuc.edu ■ Unix Programmer (1994 - 1995)

## TECHNICAL SKILLS

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- **Languages:** C, C++, C#, Java, Perl, PHP, Ruby
- **Platforms:** MacOS X, Linux, Solaris, Windows
- **Development Tools:** Eclipse, GNU, VisualStudio
- **Network Protocols:** IPv4, TCP, HTTP, Kerberos, NTLMv2
- **User Interface APIs:** SWT, Windows Forms, Cocoa
- **Revision Control:** CVS, RCS, Subversion, TFS, Vault, VSS
- **Databases:** SQL Server, PostgreSQL, SQLite, Firebird
- **WWW:** HTML, XHTML, CSS, JavaScript, RSS

## GENERAL SKILLS

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- Strong documentation and presentation skills.
- Good project management and organization skills.
- Excellent verbal and written communication skills.

## REFERENCES

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Available upon request.

## EDUCATION

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**University of Illinois** ■ Springfield, IL (2004)  
Computer Science

**University of Illinois** ■ Urbana, IL (2002 - 2003)  
Mathematics and Computer Science

**Parkland College** ■ Champaign, IL (1997 - 2001)  
Computer Science Engineering