

79 Eagles Drive, Boulder, Colorado 80302 USA  
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**Goals**

I am looking for opportunities with outstanding technology companies. The ideal company will have a promising business plan and a solid management team, and is looking for a key contributor to take ownership of a vital part of their product development.

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**Skills**

<b>Project Management</b>	Software Consultant – <i>10 years</i> Object-Oriented Analysis and Design (OOAD) – <i>10 years</i> Project Lead – <i>10 years</i> Project Management – <i>5 years</i>
<b>Languages</b>	Java – <i>4 years</i> C# – <i>2 years</i> C++ – <i>12 years</i> C – <i>18 years</i> Perl – <i>10 years</i> PHP – <i>2 years</i>
<b>Microsoft Technology</b>	.NET – <i>2 years</i> Win32 SDK – <i>15 years</i> MFC – <i>12 years</i> Visual Basic – <i>6 years</i> COM/ActiveX/ATL – <i>5 years</i> ODBC, OLE DB – <i>5 years</i>
<b>Development Environments</b>	Java JDK/J2SE – <i>4 years</i> Visual C++ / Developer Studio – <i>8 years</i> GNU gcc/gdb – <i>6 years</i>
<b>Databases</b>	SQL Server – <i>6 years</i> MySQL – <i>2 years</i> Oracle – <i>1 year</i> Sybase – <i>1 year</i> Microsoft Access – <i>8 years</i>
<b>Platforms</b>	Microsoft Windows NT (4.0, 2000, XP) – <i>8 years</i> UNIX (Linux, SunOS, Solaris, AIX, HP-UX) – <i>6 years</i>
<b>Embedded Systems</b>	PalmOS – <i>1 year</i> DaSemi TINI – <i>4 years</i> Ajile – <i>2 years</i> Windows NT Embedded, XP Embedded – <i>4 years</i>

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**Employment**

**Auto-trol Technology**, Denver CO *1985 – 1989*  
Computer-Aided Design / Computer-Aided Manufacturing  
Worked on an object-oriented integrated CAD/database product

**Solbourne Computer**, Longmont CO *1989 – 1991*  
Sun-compatible Unix workstations  
Worked on accelerated 3D hardware project, responsible for extended 3D graphics driver

**XVT Software**, Boulder CO *1991 – 1995*  
Portable GUI Technology  
Responsible for graphical layout tool and application generation technology

**Corybant**, Boulder CO *1998 – 1999*  
Healthcare IT consulting and product development  
Co-founder and Senior System Architect

**Sunshine Fire Protection District**, Boulder CO *1991 – 2003*  
Fire Chief *1993-1995*  
Battalion Chief *1997-2003*

*TV/Cable software vendor*

Ported and developed software for set-top hardware.

*TV/Cable hospitality technology company*

Developed software for legacy system for delivering IP-based VOD (Video On Demand) for the hospitality industry. Re-architected, designed and deployed replacement for large legacy system.

*Atmospheric research*

Designed and deployed satellite communication system and payload control for high-altitude atmospheric research missions

*Homeland security*

Designed and deployed portable satellite communication software for commercial aviation security

*Industrial automation*

Deployed hardware and software for factory-floor monitoring and IT system integration

*Home automation and security*

Deployed hardware and software providing homeowners with remote access to their home security systems via live web portal

*Commercial aerospace company*

Responsible for system architecture and definition, avionics software, and hardware interfaces for an embedded in-flight satellite live TV / Internet system

*Air traffic control software contractor*

Designed and led a port from C to C++; mentored team on C++ and OOAD; established software development and software quality procedures

*Cardiac ultrasound vendor (Boulder, Colorado)*

Led a team for porting and delivering an advanced 2D/3D ultrasound viewing system

*Cardiac ultrasound vendor (Munich, Germany)*

Consulted on-site with team for technology transfer and mentoring

*Laser engraver manufacturer*

Modified and extended Windows printer driver for laser engravers

*24x7 telephone call center*

Responsible for custom applications and applets to enhance agent productivity

*24x7 nurse information hotline*

Responsible for custom application to load customer data from insurance companies

*Radiated emissions compliance facility*

Analyzed the applicability of automation for their laboratory instrumentation and reports

*Computer peripheral manufacturer*

Modified and extended GUI for backup/restore software

*Computer Aided Design software vendor*

Responsible for online J2EE-compliant web portal

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**Education**

BA Computer Science, **Cornell University**, 1985

Concentration in engineering physics and electrical engineering

Graduate-level classes, **University of Colorado**, 1988

Computer-human interaction, graphical user interfaces

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**Patents**

**US 5,390,297** "System for controlling the number of concurrent copies of a program in a network based on the number of available licenses" *Issued February 14, 1995*