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## SUMMARY

* Over 25 years of physical and virtual security experience.
* IT & InfoSec consulting, audits, and systems administration for Fortune 100 & 500 listed companies with over 10,000 users.
* Corporate Systems & Components Architect for multinational infrastructure supporting over 4,500 users in over 50 countries.
* Extensive experience with most technology platforms, audits, incident handling, pen-testing, policies, security training for employees, and other InfoSec aspects.
* Designed, staffed, trained, implemented, and transitioned multiple InfoSec corporate divisions from scratch, including “Red Teams”.
* As CTO managed annual IT budgets over $10,000,000.
* Built and provided mission-critical infrastructure and services to medical facilities.
* Designed and personally built entire IT infrastructure and department staffing from scratch for multiple companies.
* Certified in 2002 as GCIH (GIAC Certified Incident Handler) through SANS Institute, my research still published on their website: <https://www.sans.org/security-resources/malwarefaq/pptp-vpn>
* Google Chrome OS / Chromebook developers cited my security research for technology decisions regarding VPNs.
* Rebuilt “bulletproof” 2600 IRC in 2002.
* Directly supervised over 20 employees, supervised through hierarchy over 50 employees & contractors.
* Acquired and managed multiple offshore teams in India and U.K.
* Personally built over 10,000 retail custom systems, supervised teams of technicians building more than 50,000 retail custom systems.
* Working with technology systems since 1979.

## EMPLOYMENT SUMMARY

2002-16 - IT & InfoSec Consulting - Dev 2 Dev Portal LLC - [www.dev2dev.com](http://www.dev2dev.com/)

2004-16 – Founder & Facilitator - Spokane 2600 – [www.spokane2600.org](http://www.spokane2600.org/)

2015 – Contracted InfoSec Incident Handler – NBC Packaging USA - [nbcpkgusa.com](http://nbcpkgusa.com/)

2010-12 – Sys & Net Engineer – Interlink Advantage - [interlinkadvantage.com](http://www.interlinkadvantage.com/)

2008 - Sales Engineer (Information Security) – TriGeo Networks Inc – [goo.gl/Bhfmdy](https://goo.gl/BHfmdy)

2004-07 – Tech Advisor, Admin, Dev, & Webmaster – KYRS FM Radio - [www.kyrs.org](http://www.kyrs.org/)

2003-04 - Consultant - Security, Systems, & Network – Axxess.net ISP – [goo.gl/XfQ5JY](https://goo.gl/XfQ5JY)

2002-04 – Backbone provider, SysAdmin – Oneida County Hospital - [goo.gl/TkCjHw](http://goo.gl/TkCjHw)

2002-04 - Pres, CIO/CTO – MaladNet Wireless ISP (acq by Axxess) - [goo.gl/ksbeBv](https://goo.gl/ksbeBv)

2002-03 – Internet Relay Chat (IRC) provider, rebuilt 2600.com’s IRC. [www.2600.com](http://Www.2600.com/)

2002 - Systems Auditor & Analyst – Devon Energy Corp - [www.dvn.com](http://www.dvn.com/)

2000-02 - CTO – MightyWords Inc. [goo.gl/mueAYR](https://goo.gl/mueAYR) (acquired by [www.bn.com](http://www.bn.com/))

2000 – Analyst/Architect – Internet Shopping Network – [goo.gl/Liywqp](https://goo.gl/Liywqp) of [www.hsn.com](http://www.hsn.com/)

2000 – Corporate Systems Architect & Analyst – Franklin Covey [www.franklincovey.com](http://www.franklincovey.com/)

1999 – SysAdmin, InfoSec – Franklin Covey Electronic Solutions [www.franklincovey.com](http://www.franklincovey.com/)

1999 - Network, Systems, Websites and Security Admin & Dev. via ITI - [goo.gl/qBP2EN](https://goo.gl/qBP2EN)

1998-99 – SysAdmin, DBA - Utah Dept. Public Safety via ITI - [goo.gl/qtD43f](https://goo.gl/qtD43f)

1998-99 – SysAdmin, DBA – UT Corrections Dept. via ITI - [goo.gl/uuO6Cn](http://goo.gl/uuO6Cn)

1998-99 – SysAdmin – State of Utah Dept. of Tech Service via ITI - [dts.utah.gov](https://dts.utah.gov/)

1998 - Client Solutions Implementation, Admin, & Java Dev – ITI - [goo.gl/qBP2EN](https://goo.gl/qBP2EN)

1998 - CIO & Lead Developer – PC Easy - [goo.gl/xHsY0F](https://goo.gl/xHsY0F)

1997 – SysAdmin – EG&G Chemical Weapons, Tooele, UT via Comspec [goo.gl/2ZvRnx](http://goo.gl/2ZvRnx)

1997 – SysAdmin – Kennecott Mining, UT, via Comspec - [www.kennecott.com](http://www.kennecott.com/)

1997 – SysAdmin – Swire Coca Cola, UT, via Comspec - [www.swirecc.com](http://www.swirecc.com/)

1997 - Network and Systems Administrator – Comspec Corporation - [goo.gl/7V5lLU](https://goo.gl/7V5lLU)

1996 - Netware, Wang, & WFWG Admin, UCC/Broadview Univ [broadviewuniversity.edu](http://www.broadviewuniversity.edu/)

1995-96 - Assistant Network Admin – Teltrust Inc. Directory Services - [goo.gl/bKPIOM](http://goo.gl/bKPIOM)

1992-95 – Bus. & Res. Sec. Mgr & SysAdmin – Villa Franche & Laurelwood Prop., UT.

1988-90 - Security and computer systems support – Brittainny Apartments, Murray, UT.

1979-94 – Independent and contracted software developer, Utah.

## TECHNICAL EDUCATION

* 2002 - SANS GCIH - [giac.org/certified-professional/hawke-robinson/103605](http://www.giac.org/certified-professional/hawke-robinson/103605) – Security & Incident Handling Certification from SANS Institute, my research report on virtual private networking technologies and Microsoft’s PPTP VPN vulnerabilities, published online at the SANS/GIAC Institute at: <https://www.sans.org/security-resources/malwarefaq/pptp-vpn>
* 2003 – SCSAp1 – Sun Certified Systems Administrator (part 1).
* 1999 - MCSE - Microsoft Certified Systems Engineer
* 1998 - MCP+I – Microsoft Certified Professional + Internet
* 1998 - CNA - Certified Netware Administrator
* 1996-1998 - Associates Degree in Computer Science (GPA 4.0), Certified Careers Institute, SLC, UT.

## ADVANCED TRAINING & RELATED EXPERIENCE RELATED TO THE FOLLOWING CERTIFICATIONS

* NCLE – Novell Certfied Linux Engineer
* CNI – Certified Novell Instructor
* SCSA – Sun Certified Solaris Administrator
* SCJP – Sun Certified Programmer for Java 2

## ADDITIONAL ADVANCED MISCELLANEOUS TECHNICAL TRAINING

* SilverStream development and administration 1.x, 2x, 3x
* BroadVision performance tuning, architecture, design, development and administration 2.x, 3.x, 4.x, & 5.x
* Java Programmer 1x & 2
* Jini
* ACS (Arsdigita Community System) 3x & 4x
* TCL
* Java
* XML
* Oracle 8i Application development
* Oracle 8i Installation, Configuration, and Administration
* Oracle 9 Application Development
* Oracle 9 Installation, Configuration, and Administration

## LANGUAGES TRAINING

* American Sign Language Summer 2006 and 2007 (Eastern Washington University), and ongoing as facilitator of [www.SpokaneASL.com](http://www.SpokaneASL.com/)
* Chinese – 2008 Mandarin Chinese I (SFCC)
* Russian: 1986-1987 (school), 1994-1995 (private instructor).
* Finnish – 1994 (self instruction - tapes & books).
* Cantonese 1991-1993 (private instructors).
* Japanese: 1989-1991 (private instructor).
* Spanish: 1983-1986 (school).

## PROFESSIONAL MEMBERSHIP

* 2002+ 2600 Lifetime membership – [www.2600.com](http://www.2600.com/)
* 2000-2004 - Information Systems Security Association (ISSA)
* 1998-2003 - IEEE – Institute of Electrical & Electronics Engineers
* 1998-2003 - PMI – Project Management International

## ADDITIONAL DETAIL

* Executive summary: <http://goo.gl/8apa8X>
* Detailed skills list: <http://goo.gl/R6wXsW>
* Extremely detailed employment history (20+ pages): <http://goo.gl/wp3uQt>

## REFERENCES

Excellent references provided upon request.