

# William Hawkes-Robinson - "Hawke Robinson" revision: 20200730g

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*Open to CTO or similar remote opportunities (preferred) or locations throughout:  
Washington State, Northern Idaho, Northern Oregon, or Western Montana.*

See recommendations here: <https://www.hawkenterprising.com/archives/resumes/web/recommendations-collection/>

EXTRAORDINARILY EXPERIENCED, PROVEN SUCCESS TRACK RECORD, DIVERSIFIED CAPABILITIES, ADAPTABLE, ACCOUNTABLE, AND EXCEPTIONAL TECHNOLOGY LEADERSHIP.

As Chief Technology Officer (CTO), consultant, and in other key senior leadership roles, I work in close partnership with the CEO, Board of Directors, (sometimes with powerful industry leading executives) with highly diverse multinational staff and employees to create new innovations in a wide variety of sectors.

- Saved WorldCon 78 from cancellation by building and integrating a complex multi-platform, online, international convention event platform. I was brought in at the last moment due to project floundering, with only 4 months and non-negotiable deadline. Lead with innovative solutions, effective processes, on-shore and off-shore resources and very limited budget. (2020).
- Designed the architecture, working prototypes, and live production bug-free releases, of an innovative audience-interactive streaming media and community engagement platform (TFN) (2016 – 2019).
- Lead in the creation of a revolutionary online digital publishing Digital Rights Management (DRM) system that was praised by users for being the most user friendly platform available.
- Worked in strong partnership simultaneously with Adobe, Amazon, Barnes & Noble, IBM, Microsoft, and other powerful industry leaders.
- Built entire technical departments from scratch.
- Worked with multinational infrastructure supporting 10,000+ employees and platforms supporting millions of web users.
- Directly managed annual budgets in excess of \$20M USD
- Actively engaged in technology development and advancement since 1979 at 9 years old, with my first paid programming job at 12 years old developing from scratch a video rental point of sale and inventory management system for IBM PC in 1982.
- Managed multinational technical teams on-and-off-shore, onsite and virtual workers.
- Exceptional track record delivering complex short and long term projects on time and within budget.
- End-to-end, full cycle software, platform, and project process experience for all size organizations from small mom and pop shops, mid-size organizations, government and non-government organizations, to large multinational conglomerates.
- Publications:
  - SANS Institute. <https://www.sans.org/security-resources/malwarefaq/pptp-vpn>
  - Eastern Washington University <https://ewu.academia.edu/HawkeRobinson>

## HIGH LEVEL EXPERIENCE SUMMARY

Exceptionally skilled as the communications facilitator acting as the bridge between the business executives and the technology staff. Including achieving success working on complex projects that include very strong-willed partner executives from IBM, Microsoft, Barnes & Noble, Adobe, Amazon, Devon Energy, and many other powerful industry leaders.

Exceptional 25+ years track record with the experience, knowledge, vision, & skills to repeatedly help organizations meet, indeed exceed, business scope requirements, maintain budgetary compliance, and achieve extraordinary goals. A strong history of success in achieving security and availability requirements.

More than thirty years of leadership experience, in multiple industries, at various management and executive levels.

More than 40 years of extensive hands-on technology experience helping organizations achieve the greatest return of investment in technologies spanning diverse industries for any size implementation environment, from small businesses to large enterprises with tens of thousands of employees and billions of customers.

Exceptional breadth and depth of experience, over a wide range of knowledge domains, enables excellence in understanding how all the components of an environment work most effectively together, and integrate the best people for success.

Working with technology systems and software development since 1979, physical security since 1989 and information security since 1996.

Can enable companies to excel in building their entire technology department from the ground up in startup settings or spin-offs, or optimize existing organizations of all sizes to improve their existing departments or completely overhaul as needed. Managed teams and departments ranging in size from 1 to 20+ personnel directly, as well as coordinate departments with staff sizes in the hundreds or thousands of employees.

Adeptly guide companies in understanding, integrating and managing diverse environments. Able to help any size organization, from sole-proprietorships to large "Fortune" sized enterprises, make the most of their technology investments. Excellent researching skills to optimize the greatest value from each system's strengths, while mitigating any weaknesses. Abilities ranging in depth and breadth from low-level detailed technical issues with network, hardware, servers, server software, applications, application design, software development, databases, data management, security, user experience, Internet nuances and e-commerce, to high-level issues such as vendor relations and contracts, budget management, staffing, finances, marketing, departmental interactions, business models, project plans, process implementation, change control, quality assurance, legal considerations, security policies and procedures as well as training.

Help organizations adapt to changing market demands most effectively so as to remain competitive in their industry. Very skilled at "wearing many hats" as needed

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## RELEVANT EMPLOYMENT SUMMARY

- The Fantasy Network 4.0 to 4.5 upgrade – CTO, consultant, architect, PM, developer, systems & network administrator - July to Aug 2020 – [www.thefantasy.network](http://www.thefantasy.network)  
Included GenCon Online Film Festival ([www.gencon.com](http://www.gencon.com)) supported on the platform.
- WorldCon CoNZealand Event – consultant, PM, admin - July to August 2020 – [www.conzealand.nz](http://www.conzealand.nz)
- Realm Makers Online Event – consultant, PM, admin - July 2020 – [www.realmmakers.net](http://www.realmmakers.net)
- Technorama Austalia Online Event – consultant, PM, admin - June-July 2020 – [technorama.org.au](http://technorama.org.au)
- ZoeCon IV Onilne Event – consultant, PM, admin - April 2020 – [www.zoecon.net](http://www.zoecon.net)
- The Fantasy Network 1.0 to 3.x – 2016 – 2019 – consultant, CTO, architect, dev, admin - [www.thefantasy.network](http://www.thefantasy.network)
- Robert Half Technology, Critigen, & Omaha Muni - Kerberos and Authentication Consultant - 2017
- Intrinium – contracted Project Manager – Sep 2017 to Jul 2018 - [intrinium.com](http://intrinium.com)
- Zombie Orpheus Entertainment – consultant enterprise architect, PM, dev, admin – 2016 - [www.zombieorpheus.com](http://www.zombieorpheus.com)
- Interlink Advantage – architect, PM, systems & network admin – March 2010 to Apr 2012 - [www.interlinkadvantage.com](http://www.interlinkadvantage.com)
- RPG LLC – architect, PM, dev, admin - 2014 to current – [www.rpg.llc](http://www.rpg.llc)
- Trigeo Network Security Inc. – 2008 – Consultant & Sales Engineer - 2008
- Dev 2 Dev Portal LLC – Consultant – Various NDA and non-NDA Clients – 2002 to 2008 – [www.dev2devportal.com](http://www.dev2devportal.com)
- Clemens Mechanical – 2007 to 2008
- Steelhead Specialty Minerals – 2007 to 2008
- KYRS FM Radio nonprofit – Technology Manager – 2004 to 2007 – [www.kyrs.org](http://www.kyrs.org)
- Tolkien Moot nonprofit – 2005 to current – [www.tolkienmoot.org](http://www.tolkienmoot.org)
- RPG Research nonprofit – 2004 to current – [www.rpgresearch.com](http://www.rpgresearch.com)
- Devon Energy Corp. - Performance & Security Auditor – 2002 – [www.dvn.com](http://www.dvn.com)
- MightWords Inc. - Chief Technology and Security Officer – 2000 to 2002 - <http://web.archive.org/web/20010722202049/http://mightywords.com/>
- Franklin Covey Corporation – Corporate Architect (4,000+ nodes) – 2000 – [www.franklincovey.com](http://www.franklincovey.com)
- Franklin Covey e-commerce – Director of Operations (99.999% annual uptime) – 1999
- Information Technology International – Network Mgr & Java Dev – 1998 to 1999 – [www.itweb.com](http://www.itweb.com)
- PC Easy – Chief Information Officer – 1996 to 1998 - <http://web.archive.org/web/19961221070256/http://pc-easy.com/>
- Comspec Corporation – Network & Systems Manager – 1997 to 1998 - <http://web.archive.org/web/19970111212101/http://softdocs.com/>
- Utah Career College – Administrator & Instructor – 1995 - 1996 - [www.utahcollege.edu](http://www.utahcollege.edu)
- Teltrust – Assistant Administrator & Operator – 1995 – [www.teltrust.com](http://www.teltrust.com)
- Laurelwood – Security Manager & Systems Administrator – 1993 to 1995
- Villa Franche – Security & Maintenance Manager and SysAdmin – 1992 to 1993
- Holladay, UT, Video Rental POS & Inventory system custom coded IBM PC in BASIC – independent software developer - 1982 to 1983

## TECHNOLOGY SKILLS SUMMARY

Detailed lengthy resume & skills list online: <https://www.hawkenterprising.com/resume>

### Servers / Applications

- Apache, httpd, IIS, Nginx, & others.
- Broadvision
- Coldfusion
- Gluu authentication server
- Jitsi self-hosted servers
- Jserv, Tomcat and Jarkarta-related projects
- MS Project Central Server
- Netscape Enterprise & Netscape Application Server
- Novell eDirectory
- Odoo (OpenERP)
- phpnuke, postnuke and many other php-based
- Redhat Interchange e-commerce
- Solstice Suite & iPlanet
- Silverstream
- Websphere
- Wells Fargo Merchant Services & Verisign merchant services
- Wordpress
- Zoom (SSO platform SAML integration)
- Zope & Plone

### Software Development

- BASIC, QBASIC & Visual Basic
- COBOL, Assembly / Assembler, Pascal & Fortran.
- C, used intermittently
- C++, and Visual C++
- CVS
- Github
- Java, JSP, applets, applications, servlets (since 1995) - most frequently used.
- McCabe QA Suite
- Perl
- PHP
- Python
- Rational Clear Quest
- SVN
- Visual Studio & Visual Source Safe

### Operating Systems

- Windows (all versions) (since 1986+)
- Linux & \*BSDs (many distros) (1994+)
- Mac OS / Apple (1979+)
- Solaris / Trusted Solaris (1997+)
- Netware (1995+)
- Many others over the years (WANG, Amiga OS, OS/2, OS/400, AIX, HP-UX and others)

## **Databases**

- MS SQL
- MySQL
- Oracle Server
- PostgreSQL
- SQL (since 1996), T-SQL (since 1996), PL-SQL (since 1998) used most frequently
- Sybase Adaptive & SQL Server
- Toad

## **Information Security**

- Security Audits
- Incident Handling and counter measures
- IDS (Intrusion Detection) & IPS (Intrusion Protection)
- Red Team (offense penetration testing) and Blue Team (defense)

## ***Education, Certification & Advanced Training***

- Eastern Washington University, Interdisciplinary: cognitive neuropsychology, research psychology, music & recreation therapy
- AS in CS - Associates Degree in Computer Science (GPA 4.0)
- MCP+I – Microsoft Certified Professional plus Internet
- MCSE – Microsoft Certified Systems Engineer
- CNA – Certified Network Administrator
- SANS GCIH – Security & Incident Handling Certification from SANS Institute

## **Miscellaneous Training**

- Franklin Covey - Project Management (extends "What Matters Most" & "Seven Habits") 1999-2000.
- CCI Computer Science program.
- SLCC Graphics Design & Photography 1991-1992.
- SLCC Automotive Technician Program 1988-1989.

## ***Languages, Cultural & Related Training***

- English (primary language) – Fluent.
- American Sign Language – Conversational.
- Past conversational languages: Finnish ('94), Japanese ('92), Mandarin ('08), Russian ('87), Spanish ('85).

**Excellent references provided upon request once mutual interest established.**