Ronald Tidd

Bothell, WA · ron@tidd.net · LinkedIn · tidd.net

PROFESSIONAL SUMMARY

Accomplished, resourceful IT leader and software engineer with 20+ years of experience defining strategic objectives and applying technical leadership to achieve solid business results. Currently focused on authorship and game development, bringing the same engineering discipline to creative and product work.

Broad background spans established companies, startups, dotcoms, and mergers/acquisitions — leveraging comprehensive knowledge of business, systems, infrastructure, and software to translate requirements into sound solutions.

KEY COMPETENCIES

- IT Management
- Strategic Technology Planning
- Software Development
- Network Infrastructure
- Client/Server Architecture
- Data Center Operations
- Project Management
- Team Building & Training
- AI-Assisted Development
- eCommerce/Internet Technologies
- Vendor & Contract Management
- Game Development

EXPERIENCE

Author & Game Developer   2025 – Present

Independent — Bothell, WA

- Co-authored The Quiet Threshold, a hard sci-fi novel, using a custom AI-assisted writing pipeline (GPT-4o, Claude, Ollama local models)
- Developing Math Mage, an educational children's game with 100+ 3D assets, interactive math challenges, and a fantasy narrative
- Managing full product lifecycle: writing, art generation, build tooling, web presence, and Kindle publishing

System Engineer / Technical Architect, Digital Experience   2013 – 2025

AT&T — Bothell, WA

- Designed, developed, documented, and analyzed technology systems for AT&T's digital platforms
- Production support for AT&T websites utilizing AEM, Nginx, Apache Dispatcher
- Wrote and maintained deployment automation, dashboards, and monitoring scripts
- Managed contractors for daily operations across USA and India
- Configured and developed against CDN APIs (Akamai, Instart Logic)

Consultant for AT&T (Engineer, Digital Experience)   2012 – 2013

YOH — Bellevue, WA

- Shell and Perl scripting, SiteScope, Nagios, Apache, WebLogic, and Adobe CQ
- Maintained, updated, and deployed to hundreds of servers spanning multiple data centers

Systems Engineer   2011 – 2012

Silicon Mechanics — Bothell, WA

- Advanced technical support for end customers and production issues
- Cluster configuration for high-performance computing solutions
- Redesigned automated configuration and testing software for the production floor

IT Manager   2010 – 2011

Tweddle Group Technologies — Bellevue, WA

- Maintained all computers and servers for the branch office
- Design team for Toyota EnTune backend systems
- Designed, programmed, and implemented deployment software

IT Manager   2005 – 2010

Leader International Corporation — Port Orchard, WA

- Built infrastructure: new building wiring, data center establishment
- Developed dynamic PDF generation for web-served parts catalogs
- Custom web reporting using Perl interfacing with Syspro ERP

Director of Information Technology   2002 – 2005

eAccelleration — Poulsbo, WA

IT Manager   2000 – 2001

HealtheTech — Seattle, WA

Consultant for Boeing (CNC Automation, C++)

1997 – 1998

TAD Technical — Seattle, WA

Vice President, Operations

1995 – 2000

TSCNet Internet Provider — Silverdale, WA

EDUCATION

Capella University, School of Technology

B.S., Information Technology — specialization in Project Management

Edmonds Community College

Coursework in programming and Unix administration

SIGNIFICANT ACCOMPLISHMENTS

- Built an AI-assisted writing pipeline that produced a full-length novel, one chapter per night, using a 4-model orchestration system running on consumer hardware
- Windows program developed in C++ for Boeing that automated parts manufacturing, saving millions of dollars
- Linux program developed in C for Clearwire enabling SNMP trap traffic routing based on selectable criteria

TECHNICAL SKILLS

Python, C/C++, JavaScript, Perl, PHP, Shell scripting, SQL, HTML/CSS · Linux, Unix, macOS, Windows · Apache, Nginx, AEM, WebLogic · PostgreSQL, MySQL/MariaDB, SQL Server, Cassandra · Git, Subversion, Docker · Akamai, CDN management · Nagios, SiteScope, Wireshark · Active Directory, LDAP, DNS, DHCP, SMTP, SSH, VPN · AI/LLM tooling (Ollama, OpenAI API, Claude API, Meshy) · 3D asset pipelines, Kindle publishing