

John M. Telford - Chronological Résumé

October 30, 2013

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JohnTelford.com LLC

Owner 1991 – Present

- Owner of a sole proprietorship information technology consulting company
- Infrastructure Architecture, Proactive Monitoring, Technology, Development, Project Rescue
- Recently created an infrastructure architecture plan for a fizzled web application startup. The architecture was designed to be cost effective, robust, and serve a global customer base. It included Amazon Web Service Linux instances, load balancing, edge DNS, Apache web servers, and SimpleDB key-value pair databases. The web application development core was HTML5 Boiler Plate, and GitHub for source control management.

Rosboro Lumber Company, Springfield, OR.

Infrastructure Architect Consultant 1999 – Present

- Evolving resilient Cisco based network infrastructure with client, for company campus including network routers, switches, and WANs connecting satellite business operations
- Evolving VMware ESXi virtual environment with client
- Exploring 10GbE networking, wi-fi, and VDI technologies with client
- Evolving proactive monitoring with client. Integrating Splunk for operational intelligence
- The continuing success of this evolving infrastructure is due to using industry standards, designing for change and implementing proactive monitoring throughout

Daimler Trucks North America

Infrastructure Business Analyst Consultant 2011

- Found disparate pieces of information and built a database to determine groups of users to migrate to a Windows 2003 Active Directory domain
- Helped application owners and developers to understand the impact of domain migration, and develop requirements for remediation

Oregon Public Employee Retirement System

System Architect Consultant 2009 – 2010

- Helped deploy SAN storage technology, VMware, automatic document generation, and proactive monitoring tools

Cadet Manufacturing, Vancouver, WA

Information Technology Manager Consultant 2005 – 2008

- Performed an infrastructure analysis with client
- Managed the rebuilding and extending, the Information Technology infrastructure and team
- Managed a production system makeover utilizing contemporary database, hardware, networking, security, software, virtual server, web, and workstation technologies. Equivalent to replacing the pistons in an engine while it was running

Nike, Inc. Beaverton, OR

Website Performance Engineer Consultant 1999

- Web site performance engineer responsible for measuring and documenting web site performance, and making recommendations for improvements

Dinihanian Floral Products, Beaverton, OR

System Architect Consultant 1998 – 2003

- Systems architect responsible for migrating from NetWare to Windows servers
- Evaluated accounting and financial core software with company management. Installed Microsoft Dynamics SL (Business Solutions-Solomon) Enterprise Resource Planning (ERP) product, Microsoft SQL server, and migrated them to a RAID-based VMware virtual machine environment
- Implemented and administrated the new infrastructure

National Association, Inc, Beaverton, OR

Infrastructure Architect Consultant 1998 – 2001

- Performed an infrastructure analysis. Managed a production system makeover utilizing contemporary database, hardware, networking, security, software, virtual server, web, and workstation technologies

InfoForce, Inc

President 1996 – 1999

- InfoForce, Inc. was an early Internet service provider delivering business services to small and medium size companies
- Designed, deployed, and operated the Internet site infrastructure providing email and Web services. Created Linux Domain Name System (DNS) servers, DeMilitarized Zone (DMZ) routers, and firewalls.
- Created Perl programs for measuring client Web services network traffic

City of Carlton, OR

Infrastructure Architect Consultant 1999

- Infrastructure architect responsible for helping agency deploy an infrastructure

Multnomah County, OR

System Architect Consultant 1998

- Responsible for helping agency evaluate and develop a sustainable architecture

Daimler Trucks North America

Infrastructure Architect Consultant 1993 – 1997

- Infrastructure architect responsible testing and deploying a large-scale 24 x 7 x 365 three-tier remote servers and workstations infrastructure

Arbitron Inc. Toronto, CA

Database Evaluation Consultant 1993

- Database evaluation consultant responsible for helping the company select a database system for large-scale deployment

Rogue Wave Software, Inc. Corvallis, OR

Software Analyst Consultant 1993

- Software analyst responsible for analyzing object-oriented software products

Itron, Inc., Spokane, WA

System Architect Consultant 1993

- System architect responsible for the analysis of remote utility meter reading products

Northwest Natural Gas, Portland, OR

Systems Programmer Consultant 1991 – 1993

- Systems programmer responsible for developing business graphic applications

Sequent Computer Systems

Manager, Staff Technology Analyst - 1983 - 1991

- Created and managed the group responsible for testing the integrity, and the integration, building, configuration management, version control, and production release, of a UNIX operating system
- The grey-box testing infrastructure was a core component for stress testing symmetric multiprocessing hardware
- Identified, evaluated, and assimilated emerging information technologies, including relational database systems, transaction managers, graphical user interfaces, object-oriented technologies, knowledge-based systems, CASE tools, configuration management, version control, and natural language systems
- Created and managed the Information Services group
- Created and managed the Computer Resource Group

Servio Logic

Manager Engineering Support 1982 – 1983

- Manager responsible for engineering support

University of Portland

Computer Science Adjunct Professor 1979 – 1981

- Created and taught programming and operating system classes

Electro Scientific Industries

Manager Software Engineering, Engineer 1977 – 1982

- Software engineering manager responsible for the planning, development, production, and sustaining of real-time software, and user application products. The software products supported laser-based systems serving the hybrid and semiconductor marketplace
- Systems engineer responsible for the hardware and software architecture of embedded microprocessor electronic instrument product line. Developed embedded operating systems, applications, and development systems

Modular On-line Systems

Systems Programmer 1976 – 1977

- System programmer consultant responsible for developing client solutions

Tektronix

Systems Programmer 1973 – 1976

- Systems programmer responsible for operating systems of large scientific computers

Lawrence Berkeley Laboratory

Programmer 1965 – 1972

- Programmer responsible for high energy physics data reduction programs

Education

- Bachelor of Science Electronic Engineering California State University at San Luis Obispo, 1970

Certifications

- CCNA