

Lyle Cates

1619 Notre Dame, Terre Du Lac, MO 63628

Lyle@LyleCates.com

(573) 321- 9675

PROFESSIONAL SUMMARY:

Take advantage of over 10 years experience in mission critical network and software development for a diverse clientele. With a professional background in project management, team development, network engineering, security analysis, and data forensics, I will bring to your team excellent technical and analytical input with the ability to provide cost effective solutions to any complex problems.

Colleagues describe me as a friendly, knowledgeable, detail-oriented and motivated team member.

EXPERIENCE:

Robert Half International

6/2013 – Present

Consultant

- Developed business logic, data access and ASPX UI for asset tracking.
- Incorporated the asset tracking application into the existing intranet service suite.
- Created two new SQL databases for the asset tracking data tier.

Sandia Information Design

12/2001 – 6/2013

Senior Technology Advisor

General duties:

- Procuring government and corporate contracts.
- Design and maintenance of local, national and global computer networks.
- Lead escalation advisor for national and global help desks.
- Design and development of custom software.
- UI, data, and logic layer development.
- SQL database design and administration.
- Specialized banking software and hardware installation.
- Disaster prevention and recovery process development.
- Evidentiary data forensics.

Select Client Projects:

Endeavor Telecom 6/2010 – 12/2012

- Installation of retail networking and point of sale equipment.
- Configuration of Cisco networking and VOIP devices.
- Router, switch, DSL, satellite, VOIP and VPN appliance configuration.
- Cisco wireless new installation and existing problem solving.

Howard Security Consulting 1/2002 – 8/2013

- Developed custom VB.NET backup application for disaster recovery.
- Built and maintained nationwide VPN with Windows 2000 servers and Cisco 3000 series concentrator.
- Project manager for a nationally demonstrated "proof of concept" 13-site, 48-server secure FIPS compliant VPN, including a nationwide upgrade to server 2003.
- Maintain all office networks, desktop and mobile equipment.
- Technical advisor for compliance to federal/state government and corporate security regulation.

Wausau Financial Systems 5/2005 – 10/2010

- Team leader for the network and software escalation team for Bank of America's military banking overseas division.
- Maintained custom banking and accounting software virtual test environment.
- Administrator for companywide source code archive.
- Developed .NET utilities to maintain production and test lab software integrity
- Developed .NET software, documented procedures and trained help desk representatives to reduce network lag and expedite the execution of know issue resolutions and remote data mining.

- Supplied software, hardware, and network technical data to project engineer and software development departments to identify and resolve product issues.
- Built an in-house test environment with Cisco network equipment and Windows Server 2003 – 2008 physical and virtual operating systems for quality assurance and development teams.
- Maintained manually with OSQL command line utility, T-SQL scripts and self developed .NET/XML utilities to data mine and catalog bank branch specific information, bank transaction record database, software configuration database and custom proprietary user security database for globally deployed bank branches.
- Quality control for existing Crystal reports database extraction code, form presentation and configuration. Primary developer for emerging Crystal reports and extraction code driven by evolving business and reporting needs.

Lockheed Martin (Sandia National Labs) 3/2002 – 5/2005

- For the US Department of Energy, provided comprehensive technical consulting and project management services for developing communication software, securing Windows and Cisco network equipment.
- Implemented appliance based cryptology for FIPS (Federal Information Processing Standards) compliance.
- Deployed national secure virtual network enabling timely interaction and data sharing for crisis management and counter-terrorism activities post 9/11/2001.
- Redesigned the communication applications to separate the UI, the communication logic and the data processing into manageable modules from the previous single class application.
- Provided direction on the revision and training for New Mexico's Terrorism Risk Management process implemented by the New Mexico Department of Public Safety in 2004, the process is now implemented in 38 states.
- Organized trained and lead a technical support team from the IT staff of several state and federal government agencies and military servicemen to maintain the highest level of efficiency for Homeland Security communication and technology.

Stainless Motors 3/2004 – 7/2011

- Maintained and updated office network and production floor CNC and AutoCAD software.
- Implemented and maintained Microsoft Share Point interoffice communications suite.
- Managed Microsoft Exchange and data backups for all departments.

General Dynamics 5/2005 – 11/2005

- Analyzed technical capability of select General Dynamics' military communication and surveillance projects to prepare documentation for the development of a secure nationwide counter-terrorism data/communication and border surveillance system.
- Helped adapt military technology for homeland security deployment and border security.

NM Department of Transportation 1/2002

- Established a research bureau test lab to analyze research projects.
- Documented test procedures and developed a custom database for recording research project progress.
- Wrote admin scripts in VB for rapidly-building new test and production computer systems.

Farmers Insurance 2/2001 – 7/2011

- Designed, deployed and maintained wireless network to support internet connectivity and interoffice resource pool.

PREVIOUS EXPERIENCE:

- 2000 – 2001 TEK Systems; provided computer consulting for TEK clients, Blue Cross Blue Shield token ring/Novell to Ethernet/Windows conversion. UNIX administrator for New Mexico Budweiser distributors.
- 1997 – 2000 Capps scrap metal. Director of IT, developed C++ inventory and financial software for the metal recycling facility.
- 1994 – 1997 Gateway 2000; Sr. Technical Support Technician, point of contact for the computer production department to the Technical support department, responsible for designing and implementing tier two and escalation training.

- 1994 – 2001 Cates Computer Systems; Sr. Technical Advisor, procuring corporate and residential accounts for computer system integration and onsite support. Professionally wrote commercial web sites for the emerging World Wide Web in HTML.
- 1991 – 1994 Coil Craft; Design Engineer, built computer controlled pneumatic/mechanical automated equipment for manufacturing micro induction coils.
- 1989 – 1991 Burnight Glass; Draftsman, designed and developed blueprints for commercial installation of windows, doors and glass store fronts.

TRAINING:

University of New Mexico Visual C++ Programming

Microsoft Learning Labs: Visual Studio 2005, SQL 2005, Hyper V, App V

Gateway industries training center: A+, CISCO, TCP/IP, Token Ring, Ethernet, HTML, MS Hive development, MS 32 bit OS programming

Online training in agile programming, design patterns and test driven design

EDUCATION:

Western Iowa Tech Community College, Sioux City, IA

A.A.S. Mechanical Engineering

TECHNICAL SKILLS:

Languages: VB.NET, XML, SQL, C#, C++, HTML, VB/JAVA Script, VB6.

Platforms: Windows: CE/3.0/3.11/95/NT/98/2000/XP/Vista/7 Workstation,
NT4.0/2000/2003/2008 Server, DOS 5x+, UNIX, AIX, Linux

Networks: VPN, Netware, Ethernet, FTP, MAPI, TCP/IP, IPX/SPX, Cisco VOIP, 802.11a/b/g/n, Active Directory

Software: Microsoft Visual Studio 5-2010, .NET framework 1.1 – 4, Adobe Photoshop/Acrobat/Illustrator, Microsoft Office XP - 2010, AutoCAD, Exchange Server, IBM Reflections, Norton Ghost, Acronis, Microsoft SQL, Microsoft Visio, VMWARE, Virtual Box, Microsoft Virtual PC

Security: Checkpoint, Sonic Wall, PIX, Interceptor, Panda, Norton, McAfee, Black Ice, TCP/UDP ports

Hardware: Servers, Cisco appliances, wireless AP, network cabling, Android, iPhone, tablet PC, laptops, desktops and professional digital cameras