

MATTHEW A BOOKER

SR. WINDOWS / LINUX SYSTEM ADMINISTRATOR
SR. COMPLEX ITS SUPPORT ANALYST

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DELL SERVICE PROVIDER ID #531992
QUALXSERV TECHNICIAN ID #315668

GOOGLE CLOUD PLATFORM TECHNOLOGY SERVICES
PROVIDER • AWS TECHNOLOGY SERVICES PROVIDER

Proven Success in Systems Optimization and Strategic IT Solutions

- **Multiple certification CANDIDATE (MCSE, WireShark, SolarWinds, RHCE) systems administrator** with strong experience managing server infrastructures and datacenter operations across Linux, Windows and Mac OS X platforms; Able to effectively plan, install, configure and optimize IT infrastructures to achieve high availability and performance
- **Proven ability to create and deliver solutions tied to business growth**, organizational development and systems/network optimization Skilled problem identifier and troubleshooter comfortable managing systems, projects and teams in a range of IT environments

Highlights of IT Skills

- LAN/WAN/NOC Administration
- Project Management
- Workflow Planning
- Productivity Improvement
- Technical Support
- Systems Installation, Configuration & Upgrading
- Security Solutions
- Database Design & Management
- NOS Patches & Updates
- Training & Mentoring

Networking Protocols Stack : 8023 • 80211 a/b/g/n/ac/ax • WiFi 4/5/6 • T1 – T8 • DUN / RAS • DSL • Broadband • LTE / 5G / 10G • Ring • Token • Star • IDS / IPS • SAN / NAS • TCP/IP • HTTP / HTTPS • NetBIOS / NetBEUI • ISDN • 10/100/GbE/10GbE/100GbE • InfiniBand CDDI / CSMA / CSMA CD / CSMA CA • UDP • LAN/MAN/WAN/WLAN/CAN/HAN • ANSI/TIA-568-C0/568-C1/568-C2/568-C3/570-B/606-A/607-B/758-A/862/942/1005 • VPN • SDN • SDP • NOC • Fiber Channel Re – timers

Network Appliance / Security Filter Stack : Securix:// • (Dell) SonicWALL • iBoss • SmoothWALL • Cisco AMP • Cisco Meraki • Cisco Firepower • Cipafilter • Fortinet / Fortigate • ENA Websafe • Barracuda • Sophos • ESET • Norton • Avast! • Lightspeed

<<<<PROFESSIONAL EXCELLENCE – CLIENT OR ORGANIZATION>>>>

- **CHRYSTALLID INTELLIGENX ENTERPRISE** 5/1996 – PRESENT
LEAD IT ANALYST / ARCHITECT
- **PEARSON EDUCATION SERVICES** 2/2020 – 3/2020
SENIOR SYSTEMS SUPPORT ANALYST / LEVEL II TECHNICAL SUPPORT ANALYST
ASSESSMENT TECHNOLOGY ENGINEERING GROUP
- **ACT (FORMERLY AMERICAN COLLEGE TESTING)** 9/2019 – 11/2019
LEVEL I / LEVEL II ACCOMMODATIONS ELIGIBILITY AGENT (CONTRACTED POSITION VIA KELLY SERVICES)

Time between subsequent positions as below utilized working temporary positions and as Primary caregiver for former spouse, who, at the time, was a cancer patient

as of 3/2020, loss of work due to novel Coronavirus (COVID19) pandemic

Positions as below were primarily telecommute with limited onsite engagement due to nature of work

For Positions as below: Hired as FT systems administrator following initial consulting role to manage and maintain variable number mixed server environment (Windows / Linux), ensuring 99.9% or better uptime; Evaluated, monitored and enhanced IT infrastructure with solid emphasis on availability, reliability, scalability, security, data confidentiality and system integrity

- **STARS OF HOLLYWOOD NETWORK (ONSITE / TELECOMMUTE)** 9/2014 – 10/2017
- **MAXWELL HISTORICAL SOCIETY (ONSITE / TELECOMMUTE)** 1/2014 – 8/2014
- **CHRONOS DIGITAL MEDIA (ONSITE / TELECOMMUTE)** 6/2011 – 8/2013

EXCELLENCE IN THE ROLE – SYSTEM / NETWORK ADMINISTRATION

- Reengineered systems setups, establishing automated server generation routines, optimizing system performance, installing upgrades/patches, establishing system monitoring and maintaining security protocols
- Ensured that all server hardware, operating systems, software and procedures aligned with organizational standards and strategic business plan
- Revamped NetBackup schedule and upgraded multiple Oracle servers
- Optimized system availability (averaging 99.95% uptime) and equipped company with scalable systems to support business growth
- Increased team productivity and automated repetitive tasks by using batch files, PowerShell, VBScript and WMI
- Directed the implementation and performance tuning of Windows Server 2003 / 2008 / 2012 / 2015 environment for client's global operations Delivered a major improvement over old VPN system that catapulted productivity of remote sales force

- Led in - house and consultant team in large - scale Linux server upgrade for multinational consulting firm, which significantly enhanced system performance
- Resolved a history of problematic network failure by troubleshooting LAN / WAN connections between multiple stores for a regional retail chain
- Drove 25% decrease in website downtime by migrating RaQ4 server sites and online stores to Linux server
- Corrected server configuration problems, wrote scripts to ensure smooth server/reboot functioning, and assisted with a variety of Linux-based inquiries and concerns
- Replaced major manufacturer's vulnerable network with robust security through joint architecture of firewall and DHCP

EXCELLENCE IN THE ROLE - TFS ADMINISTRATION

- Full understanding of SDLC, Agile and CMMI methodologies and process
- Actively participated in researching and implementing tools and processes to enhance team productivity and system quality
- Installed / configured TFS 2010 / 2013 / 2015 for research test training
- Implemented server – side plugin utilizing iSubscriber triggering for every check – in utilizing TFS
- Implemented server side plugin utilizing iSubscriber triggering for every work item update utilizing TFS

Select Prior Support / Deployment Projects (Variable length Contractual Engagements)

Baker – Hughes Energy
HW / App Upgrade & Deployment Project

Chesapeake Energy
Technology Migration & Deployment Project

Dell Computer Corporation
Level II / Level III Remote Technology Support

Best Buy Corporation
Technology / System Upgrade & Deployment

Liberty Mutual Insurance
HW / App Upgrade & Deployment Project

AT&T
HW / App Migration & Deployment Project

FREELANCE CONSULTING POSITIONS – 2010 – PRESENT (PRIMARYLY VIA TELECOMMUTE)

- **CIO Magazine** – Invited to participate by **CIO Magazine** as a Forum and Peer Research Analyst 7/2010 – Present
- **The Intelligence Community** - Freelance Intelligence / National Security Analyst 12/2014 - Present

The following appointments were direct results of appointment to the Freelance position at The Intelligence Community

- **C4ISR & Networks** - Freelance Command, Control, Intelligence, Surveillance and Reconnaissance Analyst 8/2015 – Present
- **Information Security Community** – Freelance Information Security Analyst 8/2015 – Present
- **Centre for Study of Intelligence Operations** – Freelance Intelligence Operations Analyst 1/2015 – Present
- **European Centre for Information Policy and Security (ECIPS)** 12/2014 - Present
Freelance European Security Policy Analyst
- **China Research Team** – Defense Analyst / Research Intern 1/2020 – Present

MILITARY OBLIGATION FULFILLMENT

United States Air Force	1992 – 1996
432 nd TFW / 432 nd Supply Squadron, Misawa AB, Japan	1992 – 1994
355 th TFW / 355 th Supply Squadron, Davis – Monthan AFB, AZ	1994 – 1996

Honors: Overseas Long tour campaign (1994)
Completion of Technical Education (1992)
Project Manager Letter of Commendation (1995)

National Defense Campaign (1992)
Wing Commander Letter of Commendation (1995)

PROFESSIONAL DEVELOPMENT & TRAINING

Coursework towards AAS / BS / MS, Information Technology and Project Management, Kirkwood CC, Cedar Rapids, IA and the University of Maryland, Hanover, MD; Approximately 65% Complete

Coursework Complete, Awaiting test cycle

MCSE Cloud Platform & Infrastructure
Oracle Linux System Administrator
RedHat Certified Engineer (RHCE)
CompTIA Server+
VCP 6.5 – DCV (VMWare)
IBM Certified System Administrator
NetApp Certified Data Administrator (NCDA)
ServiceNow Certified System Administrator

LPIC – 3 Enterprise Mixed Environment
LPIC – 3 Enterprise Security
LPI BSD Specialist
BICSI Technician
BICSI – RCDD
SolarWinds Certified Professional
WireShark Certified Network Analyst