Russell Butler
3712 Geese Route
Round Rock, Texas 78665 United States
Mobile: 9285819787
Email: rtb144@gmail.com

Availability:
Job Type: Permanent, Term
Work Schedule: Full-time

Desired Locations:
Washington, United States; Naval Research Laboratory, Washington, United States

Work Experience:
Computer Scientist
US Army Futures Command, G-3/5/7 - Data and Platforms Division (This is a federal job)
210 W 7th St.
Austin, TX

7/2022 - Present
Hours per week: 40
Series: 1550 Computer Science
Pay Plan: GS - General Schedule (Ch. 51, 5 U.S.C.).
Grade: 13
This is a time-limited appointment or temporary promotion
Duties, Accomplishments and Related Skills:
* Implemented data management lab on cArmy Azure in support of Army Data Plan and related efforts
* Provide input and expertise to the Army Data Board and related working groups
* Provide expert input and feedback with regard to data related OPORDS and FRAGOs.
* Research and experiment with techniques and software to facilitate data management and sharing within AFC.
* Created US Army Futures Command API management architecture on cArmy Azure environment.
* Writing software in various languages to facilitate automation of data management and sharing efforts at AFC.
* Support AFC leadership data requirements with automation and data management.
* Create policy and strategy for API management and data sharing.
Supervisor: Richard Haddad ((520) 669-7986)
Okay to contact this Supervisor: Yes

IT Specialist (SYSANALYSIS/DATAMGT)
US Army Yuma Proving Ground (This is a federal job)
301 C. Street
Yuma, AZ

7/2016 - Present
Hours per week: 40
Series: 2210 Information Technology Management
Pay Plan: GS - General Schedule (Ch. 51, 5 U.S.C.).
Grade: 12
Duties, Accomplishments and Related Skills:
Provide technical leadership and guidance to the Yuma Proving Ground Software Engineering Group (YPG SEG). Work with customers to understand and document their requirements and implement technical solutions to meet their needs.

Research new and emerging technologies and create roadmaps, executive-summaries, briefings and other documents to provide senior leadership at YPG enough information to make technology acquisition decisions.

Lead efforts to implement new technologies and coordinate with internal and external partners to ensure success.

Represent YPG and provide technical expertise as a member of several ATEC working groups in the areas of data management, big data, cloud management and cybersecurity. Coordinate with my peers at YPG and throughout ATEC and other organizations to assist them with test-related data management efforts such as Project Convergence 20 and 21.

I also document IT processes and policies and work to improve the efficiency of our efforts through process improvements. I have been instrumental in modernizing our software development processes and tooling to align with agile development, continuous integration, and continuous delivery methodologies.

Currently participating in the ATEC cArmy Cloud Pilot effort. Developing processes, policies, and standards for future use of the cArmy-U, cArmy-C, and cArmy-X cloud environments to meet the YPG and ATEC missions.
Supervisor: Garry Rosene ((928) 328-4128)
Okay to contact this Supervisor: Yes

IT Specialist (NETWORK/CUSTSPT)
United States Africa Command (This is a federal job)
Kelley Kaserne
PlieningerStrasse 289
Stuttgart-Plieningen, BW

1/2011 - 7/2016
Hours per week: 40
Series: 2210 Information Technology Management
Pay Plan: GS - General Schedule (Ch. 51, 5 U.S.C.).
Grade: 12
Duties, Accomplishments and Related Skills:
Provided technical expertise for systems engineering efforts within the Joint Enterprise Network (JEN) project. Guided and monitored the work of a team of IT professionals in the design and implementation of multiple IT systems that provide the IT services for US Africa Command. Reviewed and provided input on technical plans and system designs.

Provided leadership and guidance to contract staff in performing technical improvements, system upgrades, and other IT projects.

Coordinated efforts between various groups of system engineers, subject matter expert and external service providers to facilitate success of the JEN and its various systems.

Drafted official IT policy and process documentation for USAFRICOM including such areas as identity management, cloud management, data storage, and above-baseline service-level agreements.

Provided technical leadership and project management in the local implementation of the US BICES multi-national joint forces data network. Completed implementation of network within a very aggressive timeline in support of Operation Odyssey Dawn and was awarded the Achievement Medal for Civilian Service for my accomplishments on this project.
Supervisor: Steven Rehn ((762) 206-4587)
Okay to contact this Supervisor: Yes

IT Specialist(SYSANALYSIS/DATAMGT)
US Army Yuma Proving Ground (This is a federal job)
301 C Street
Yuma, AZ

11/2004 - 12/2010
Hours per week: 40
Series: 2210 Information Technology Management
Pay Plan: GS - General Schedule (Ch. 51, 5 U.S.C.).
Grade: 12
Duties, Accomplishments and Related Skills:
Performed my duties as an IT project manager, software engineer and computer systems engineer for Yuma Test Center.

Managed projects and lead working groups in the following areas:
* customizing a SharePoint server implementation
* documenting customer networking requirements.
* coordinating efforts to plan for and fund IT projects to enhance the YPG network operations center, datacenter and network.
* Development of web based applications on Apache and Tomcat using MySQL and PostgreSQL databases.

In addition, I lead an effort to migrate our existing ammunition database from a mainframe based database to the Windows based SAAS-MOD platform. As part of this project I designed and developed a database tool to bridge the gaps from the retired system and the new system YPG is using.

I was the technical lead and provided systems engineering expertise for other projects at YPG such as the Comprehensive Test Data Management Program (CTDMP).

Along with these duties, I also provided software engineering support to the Yuma Test Center. As an in house software engineer, I developed applications in Perl, C#, C and Java to support the test mission at YPG.

Provided technology improvement plans and budgetary estimates to support engineering and advanced technology implementations.

Drafted policy and plans in various areas of knowledge management, network monitoring, and data management.

Another significant part of my duties were that of a computer systems engineer and administrator for Linux systems.

Was awarded the Achievement Medal for Civilian Service for my efforts to restore the command and control system of the passive optical network on the YPG range using my reverse engineering and software development skills.
Supervisor: Chris Johnson (9289208884)
Okay to contact this Supervisor: Yes

Senior Network Security Analyst
Jacob and Sundstrom Inc
401 E Pratt Street
Baltimore, MD

11/2001 - 11/2004
Hours per week: 40
Duties, Accomplishments and Related Skills:
Performed security monitoring of Army Research Lab (ARL) and High Performance Computing (HPC) networks located throughout the United States.

Trained and gave expert advice to network security analysts at White Sands Missile Range, Aberdeen Proving

Ground and other sites. Tools used include JIDS/NIDS, Shadow, Snort, Sentinel, Nessus, and others.

As the team leader for the vulnerability scanning team at ARL, I supervised a team of security analysts and software developers in the operation and development of open source and custom scanning tools in Perl, C, C++, Java and shell scripts. Performed quality assurance review of analysis tools and system configurations. Prepared DITSCAP certification and accreditation documentation. Analyzed security scans for IAVA compliance and network accreditation. Designed developed and maintained tracking database for DITSCAP and IAVA compliance using PostgreSQL. Designed, developed and maintained web based interface on Apache web server to share information about and access to scanning tools and tracking PostgreSQL database using Perl, HTML, and SQL.

Developed and produced custom reports from tracking database using SQL and Perl. Served as a liaison with other divisions to determine their needs and develop procedures to meet those needs. Provided customer service and mission support to various groups inside and outside my division. Developed and maintained standards, procedures and other documentation for scanning and accreditation.

As the team lead for the system administrators, I oversaw the implementation and maintenance of various Unix, Linux, and database systems.

I provided feedback and mentoring for the members of my teams.

Investigated, recommended and implemented COTS software for ARL enterprise network.

As a member of the deep-threat cell of the ARL CIMP, I reverse-engineered and reviewed source code of hacking tools written in Assembly, C, Delphi, Pascal, Perl and C++. Evaluated, tested, and wrote analysis reports on malicious software tools in support of counterintelligence missions throughout CONUS. Wrote detection rules and tools to detect new threats and attacks. Trained and supported personnel from Army intelligence units in the use, analysis, and detection of hacking tools.
Supervisor: Tom O'Hern (4105965001)
Okay to contact this Supervisor: Yes

LAN/WAN Engineer / Security Consultant
OSI Technologies
12906 Wheatland Road
Fairfax, VA

9/2000 - 9/2001
Hours per week: 40
Duties, Accomplishments and Related Skills:
As a contractor at the Department of Veterans Affairs headquarters, I did the following:

* Lead project to design and install a dedicated gigabit network for critical systems within the DC metro area.

* Developed and implemented upgrade plan to increase the production Cabletron/Enterasys network backbone to gigabit speed from 100 megabit.

* Researched, evaluated, recommended and procured networking equipment from various manufacturers in support of upgrades and installations.

* Developed and maintained documentation of network configuration and standards.

* Monitored network traffic for security and performance concerns.

* Maintained Checkpoint firewall/VPN for remote user connectivity.

* Designed, installed and configured Veritas NetBackup backup and recovery solution over dedicated network.

* Wrote Linux based network monitoring tools utilizing SNMP.

* Designed and implemented network server and equipment database for tracking using Java, Perl, and MySQL.

* Met with system users and administrators to determine their needs and develop procedures to meet those needs
Supervisor: Expedito Lluisima ((703)476-0079)
Okay to contact this Supervisor: Yes

Network Infrastructure Engineer
Compass Bank
15 South 20th Street
Birmingham, AL

6/1999 - 9/2000
Hours per week: 40
Duties, Accomplishments and Related Skills:
Researched, tested, and deployed new software products to meet the needs of various departments and users. Acted as 4th tier support for NetWare 4.11, NetWare 5.0 and Windows NT 4.0 servers, as well as client software for all of Compass Bank. Developed and documented enterprise wide network and server standards and procedure.

Project manager for roll-out of ZENWorks for Servers on our 400+ NetWare servers located at over 300 sites throughout the southern United States.

Primary Engineer for NetWare 5 Upgrades, ZENWorks for Servers, and Fax Server software (RightFAX and LightningFax).

Developed and implemented MySql database and Java JDBC interface to consolidate multiple data sources including access, MSSQL, Novell NDS and Sybase Adaptive Server into one database in order to monitor and track software distribution. Developed custom utilities for data acquisition and server monitoring using C, Java, and Perl. Developed custom reports for software distribution tracking.

As project manager, oversaw contractor personnel used for various short-term projects such as a four month long server upgrade project throughout the United States.

Maintained an Apache web site with an Oracle database used for sharing of network infrastructure and research project documentation.
Supervisor: Tim Prutzman ((205) 297-6287)
Okay to contact this Supervisor: Yes

System Administrator / Network Engineer
Arizona Bank / Compass Bank
120 South Stone
Tucson, AZ

8/1996 - 6/1999
Hours per week: 40
Duties, Accomplishments and Related Skills:
Installed configured, and maintained Cabletron networking equipment for a state wide enterprise network.

Installed and maintained all of Arizona Bank's PCs, NetWare Servers, Windows NT servers, and Linux Servers.

Met with bank officers and managers to determine current and future IT needs and plan for them.

Designed and implemented and maintained Arizona Bank Y2K software and hardware inventory database using MS Access and Visual Basic.

Maintained and provided disaster recovery support for Arizona Bank enterprise MSSQL and Universe DBMS databases.

Developed utilities in C, PERL and Visual Basic for system maintenance and tracking.

Researched, tested, and implemented various COTS products for use by Arizona Bank employees.

Led project to inventory all Arizona Bank computer and networking equipment located throughout Arizona.

Wrote Y2K testing procedures for various software products.

Developed and documented networking standards and procedures.

Performed quality assurance reviews of major networking systems.

Developed software and scripts to meet the needs of various departments and end users.

Awarded 1998 Arizona Bank Operations Officer of the Year award.
Supervisor: Todd Johnson ((520) 885-5555)
Okay to contact this Supervisor: Yes

Education:
University of Maryland Global Campus Adelphi, MD United States
Bachelor's degree 12 / 2010
GPA: 3.0 of a maximum 4.0
Credits Earned: Semester Hours
Major: Computer and Information Science

Job Related Training:
Security+ certification
Microsoft Azure Data Associate Certification
Microsoft Azure Fundementals

Language Skills:

Language	Spoken	Written	Read
German	Advanced	Novice	Intermediate

References:

Name	Employer	Title	Phone	Email
Steven Rehn (*)	US Army Cyber Command	Director Technical Warfare Center/Chief Technical Officer	(762) 206-4587	steven.d.rehn.civ@army.mil
Ken Stacy (*)	USAFRICOM	Division Chief USAFRICOM J62	4971170816200	kenneth.d.stacy.civ@mail.mil
Denis Gizinski (*)	SOCAFRICA	Deputy Director J6	491708488049	denis.l.gizinski.civ@socom.mil