TS/SCI w/ Full Scope Polygraph

Professional Summary

Lead IT Developer with 30+ years’ software engineering and development experience including significant WordPress, SharePoint, Big Data Platform, Drupal, and other platform experience and expertise for a government contracting IT engineering and consulting firm with a diverse customer base and clients within the DoD and Intelligence Community. Senior developer / engineer with skills in multiple programming languages, cloud technologies, and operating systems. Senior Operating and Management Information Technology Programmer with strong domestic and international IT management experience to include strong development experience. Extensive Information Systems Engineering, cloud development, and IT solutioning experience including planning, system engineering, device configuration and implementation. Customer oriented leader / engineer that can communicate effectively with Senior Executives, General Officers, middle managers, developers, and Information Technology engineers / professionals.

* Senior Web Content Developer using many CMS capabilities and tools (to include WordPress and DRUPAL).
* Senior SharePoint developer / Requirements Engineer that has delivered requirements analysis and custom development for JFHQ-DoDIN, DISA, DOD, the IC for portals and dashboards utilizing cloud technologies, SharePoint services, and other technologies
* Senior level systems engineer / software developer, and project manager with experience in managing large scale complex Information Technology projects requiring yearly investments of over **$108 million dollars**
* Planned, engineered, and managed application development and the development of multiple theater Data Centers consisting of ***over 300 equipment racks*** of network, enterprise services, security / cross domain systems and network infrastructure
* Highly organized and able to manage multiple tasks with competing priorities while ensuring projects are completed ahead of schedule and under budget
* Led and managed a 140-person division consisting of military, civilian, and government contractors specializing in IT development and engineering

Education & Skills

**EDUCATION:**

**Webster University**, St Louis, Missouri - Masters in Information Technology Management

GPA 3.95 / 4.0

**State University of New York (SUNY) College at Buffalo**, New York, BS; Computer Information Systems

GPA 4.0 / 4.0

**SKILLS / TRAINING / CERTIFICATIONS:**

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| **CISCO Certifications -** CSCO11056478  **CCNA; CCDA; CCNP; CCDP** | **CISSP –** 331865  **A+ Certified Technician -** COMP001004983490 (Feb 2013)  **ISSO Certification (level I & II)** | **Journeyman’s Apprentice Certificate for Electronics Technician** (August 1995) |

**Operating Systems / Technologies / Languages Known:**

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| Microsoft Windows  C++  Visual Basic  CSS  RedHat Linux  SharePoint 2007, 2010, 2013, 365  PerformancePoint Dashboard Designer | PBasic  ASP  Hadoop (HDFS)  .Net  JBoss  Ozone Widget Framework (OWF)  SQL Report Builder  DRUPAL | Python  JQuery  VBScript  Java  PyUnit / Unittest  CENTOS  AWS / EC2  WORDPRESS  WIX | SQL  PHP  Unix  HTML  JavaScript  Jetty  Accumulo  Storm |

Work Experience

**Lead Developer / Engineer, RBR-Technologies,** Apr 2016 – Present

Fort Meade, MD

* Combined WordPress content with other sites using XML-RPC to combine Drupal and Wordpress content
* Extensive SharePoint Development Experience (to include DISA DEPS development)
* Knowledge and expertise with WordPress’ third-party theme and plugin communities
* Knowledge of the Drupal access control system and other modules
* Sole developer of the Sharkfury and Sharkvendor portal used for customer and vendor interaction with Sharkseer customers.
* Led a team of developers, engineers, and testers for JRSS Analytic Surge activities resulting in the completion of 5 new analytics ready to deliver to DISA production systems
* Supported development of requirements documents for the DISA Operations directorate to include the creation of the DISA OPERATIONS CMRS Data requirements document
* Led a team architecting, designing, testing, and implementing software enterprise solutions as well as Office 365 SharePoint solution for a unique, classified user group for a Department of Defense Agency.
* Designed new SharePoint portal / dashboards for outward facing activities serving as the basis for outreach for multiple DoD customers (to include DISA).
* Built custom applications with HTML, CSS, JavaScript, JQuery, and standard SharePoint modules.
* Built custom dashboards and views for different roles and responsibilities with the organization
* Developed SharePoint Metrics on site usage, customer views, and other applicable information for leader situational awareness
* Provided support to private, commercial, and government customers utilizing the portals. SharePoint portals were required to be available to vendors and government representatives alike
* Administered user roles and permissions ensuring the right people had the right accesses and security standards were adhered to for access controls

**Lead Software Developer, RBR-Technologies,** Oct 2015 – Apr 2016

DISA, Fort Meade, MD

Provided senior developer activities to include cloud analytic programming, advanced SharePoint development services, and custom scripting and programming to deliver applications to the DISA customer.

* Utilized multiple open source libraries to include but not limited to Bootstrap and NodeJS
* Used WordPress, Drupal and WIX to create custom templates for demonstration to government customers
* Utilized multiple DISA provided SharePoint platforms to produce custom dashboard and portals for senior executives, commanders and staff for DISA.
* Developed 10 custom applications on the DISA big data platform utilizing multiple technologies to include Python, Java, JQuery, OWF, and other technologies.
* Developed the DISA Big Data Platform governance portal on SharePoint and developed custom applications, web parts and workflows to support governance operations
* Developed the DISA CSAAC Data SharePoint portal for providing situational awareness on data operations within the infrastructure development directorate
* Supports the DISA Big Data Platform Analytic development contract building tools using Java, Python, HTML5, CSS, and OWF

**Senior Software Developer / Product Owner, RBR-Technologies,** Sep 2014 – Oct 2015

JFHQ-DODIN (JDOC), Fort Meade, MD

Lead developer and product owner for the JDOC Portal. Developed the proposal that resulted in the multi-million-dollar award to GSM-O for Lockheed Martin and RBR-Technologies.

* Utilized multiple DISA provided SharePoint platforms to produce custom dashboard and portals for senior executives, commanders and staff for the Joint Forces HQ.
* Utilized multiple open source libraries to include but not limited to Bootstrap and NodeJS
* Used WordPress, Drupal and WIX to create custom templates for demonstration to government customers
* Developed the JFHQ-DoDIN Operations Center (JDOC) Portal utilizing ***SharePoint 2010 and 2013***– ***Delivered ahead of schedule and under budget***
  + Used WordPress, Drupal, WIX and other tools to create demo sites for leadership
  + Developed pages for sub organizations to JFHQ-DoDIN to include ***39 sub entity pages*** in less than 4 months
  + Developed specialty portals for the JFHQ-DoDIN staff elements to include orders trackers, request for information trackers; Authorized Service Interruption (ASI) Management Pages that included custom Nintex workflows and specialized forms with built in instructions
  + Developed detailed requirements documents and led customer engagements to ensure all requirements were being met as the project progressed using agile methodologies
* Supported JFHQ-DoDIN program to architect, and develop a portal enterprise solution for Enterprise Records Management for a Department of Defense Agency.  Installed, and configured multiple platforms and tools on development, and integration environments.

**Senior Software Developer / Product Owner; RBR-Technologies, Fort Meade, MD,**

March 2011 – Sep 2013; DISA, Fort Meade Maryland

Led Development efforts supporting multiple diverse DoD customers (to include DISA, ARCYBER, NSA, and many other). Development efforts supported: DISA Operations, DISA Command Center (DCC), DISA Operations Technical Directorate (OPTD), DISA Mission Assurance Executive (MAE), DISA Infrastructure Development Directorate, DISA Program Executive Office (PEO), Army Cyber Joint Regional Security Stack (ARCYBER JRSS) support, Unified NetOps Situational Awareness (UNSA), Cyber Situational Awareness Analytic Cloud (CSAAC), and many other programs and organizations.

* Advocate for using CMS services for creating demo sites and pages to include WordPress and Drupal
* Developed the Common Operating Picture SA toll for the DISA Command Center (DCC) Net Assurance Team for near real-time reporting of NA events and problem resolution to the DCC Commander on SharePoint and other web platforms using custom Javascripting, JQuery, and other technologies
* Developed a GEO-INTEL Common Operating Reporting tool for the DCC Intel Fusion Cell to present intelligence reports in a more efficient way to the DCC Commander on SharePoint and other web platforms
* Developed the first ever DEE SAE NetOps Requirements Document; over 90 pages of information leading to the development of visualizations, data-realization, and SA for the DCC
* Developed the standard in DISA use case / business case development; the developed business case format was implemented by multiple DISA organizations and is now the DISA standard for use cases and requirements documentation presented to DISA leadership
* Developed Common Operating Picture and Command and Control (COPC2) tools for the DISA Command Center for monitoring and reporting on DoD Enterprise Email Service, Defense Enterprise Portal Services, and Defense Connect Online (DCO)
* Served as the Cyber Situational Awareness Analytic Cloud (CSAAC) Product Owner leading the CSAAC team to delivering over 100 widgets and over 360 capabilities in less than 2-years
* Developed customer / DISA Service Level Agreements and policy letters to help DISA Mission Partners reach on-boarding posture; verified all engagement points have agreements between DISA and customer leadership to ensure successful Enterprise Service on-boarding activities
* Wrote and developed orders (JTO, DTO, and OPORD) governing enterprise services; prepare orders for release to DISA HQ, DISA NetOps Centers (DNC), DISA Enterprise Computing Centers (DECC), and DISA Mission Partners
* Designed and implemented multiple dashboard and portal services utilizing both DISN OSS and DISA SharePoint services as the platform using custom solutions
* Developed requirements and led the DCC development of multiple portal initiatives leading to successful enterprise portal / dashboards dubbed “the authoritative SA portal for DISA Operations”
* Developed plan for the Defense Enterprise Service Operations Center to support 4.5M DoD enterprise users
* Developed requirements/planning documents to integrate new tool sets within the DCC for near real time SA
* Led the effort to prepare the DCC Enterprise Services team in supporting over 1M enterprise email users
* Prepared deliverable reports and executive level briefings / presentations for DCC and DISA Senior Leadership

**US ARMY 1989 to 2011**

During a distinguished 22+ year military career, I received several promotions based on contributions, commitment to self and company improvement and ability to accept additional responsibility:

**National Security Agency (NSA),** 2006 – 2011

Fort Meade MD

My performance, potential, and work ethic led to multiple promotions and increased responsibility within the National Security Agency; my progression with the NSA is listed below:

* **Lead Developer / Engineer (Special Network Services Division Chief)**
  + Implemented SharePoint portals and dashboards as the primary knowledge repository for the Special Network Services Division, leading to increased SA for customers and leaders
  + Utilized custom CMS to integrate new tools for getting content to users and organizational leaders
  + Responsible for installation, operations, maintenance and sustainment of world-wide network services in support of strategic and tactical national level intelligence systems servicing U.S. and coalition partners
  + Led requirements analysis for multiple multimillion dollar projects within the Special Network Services Division
  + Led development efforts for special network services applications support the warfighter
  + Developed regional support strategies establishing network and enterprise services distributed from area data centers; costs for enterprise support staff was reduced through remote and flyaway support service
  + Led a 140+ member Network Services Division in installing operating and maintaining networks and enterprise services in a worldwide environment supporting an extremely diverse set of customers
  + Planned, Managed and Executed a yearly budget of ***$108 million dollars***
  + Provided network services to hundreds of sites and thousands of users worldwide
* **Senior Developer / Engineer (Special Network Services Deputy Division Chief)**
  + Designed first ever SharePoint services / portals for the special network services division to include custom interfaces and branding at multiple levels (site hierarchy’s); Responsible for running the daily operations supporting global customers with special network services including special security systems, cross domain solutions, as well as global LAN and WAN infrastructures
  + Responsible for preparing and presenting Senior Executive briefings and presentations for the Special Networks Division Chief, Technology Director, Director of NSA, and other high level dignitaries
  + Selecting authority for the Forward Deployed Chief Information Officers for Iraq and Afghanistan
  + Volunteered to serve as the ***Afghan Technology Director*** supporting all IT assets within the theater of Afghanistan; during the deployment led the construction and completion of a 70-rack community data center
* **Lead Developer / Engineer Hostile Deployment Task Force Leader** 
  + Developed and configured custom monitoring applications for the Hostile Deployment Task Force Systems
  + Responsible for all IT support and infrastructure to combat operations and hostile theaters of operations
  + Selected as the 2008 and 2009 “**NSA MILITARY PERSON OF THE YEAR**” for the entire NSA enterprise
  + Served as Contracting Officer Representative (COR) on multiple contracts support the NSA
  + Worked with NSA security teams to develop new security and cross domain solutions
* **Senior Developer / Engineer – Afghanistan**
  + Responsible for all agency network infrastructure within the Afghanistan Theater of Operations
  + Developed custom applications for monitoring system performance and tracking
  + Deployed redundant systems in order to ensure theater networks maintained above 99.99% availability
  + Increased network footprint by 500% while tripling the amount of inter-theater bandwidth for system users
* **Chief Information Officer (Forward Deployed) / Senior Information Technology Leader – Iraq**
  + Led custom application development for SIGINT systems / software solutions supporting the warfighter (to include developing custom views)
  + Responsible for the planning, installation, operation, and maintenance of all IT systems and network infrastructure within the Iraqi Theater of Operations
  + Responsible for the development of specialized SIGINT applications supporting the warfighter in Iraq
  + Briefed senior leadership on status and health of IT systems in Iraq and reported weekly to the three-star Director of NSA on the progress of our in theater network connectivity
  + Supported a diverse set of customers including, tactical military units, DoS, and DoD customers
* **Lead Developer / Engineer for Enterprise Information Technology Infrastructure Systems (EITS)**
  + Senior developer for applications within the EITS system supporting DoD customers
  + Responsible for transforming a prototype infrastructure system into an operational certified system (with complete integration, testing, and documentation), capable of operating in an operationally live environment.
  + Produced over 50 new documentation sets consisting of deployment, end user, life cycle support, acquisition and logistics, system installation / administration, and training support documents.
  + Developed training plans and courses for the EITS and associated applications for training field site users

**Commander’s Chief Information Officer,** 2005 – 2006

Combined Forces Command – Afghanistan (CFC-A), Command Group, Camp Eggers, Kabul Afghanistan

* Led web content delivery to the entire 3-star command and headquarters
* Led Efforts for custom software solutions tracking wartime equipment and capabilities.
* Developed knowledge management tools and procedures on custom Microsoft Office SharePoint Server (MOSS) instantiation for the command and staff which provided knowledge and situational awareness to the commander’s staff and communication team
* Developed custom applications and portals for providing situational awareness to the Afghan Theater commander and staff
* Managed communications and automations systems for the three-star combatant commander of the Afghanistan Theater; procured, installed and maintained systems for the commander and his staff
* Provided tactical mobile communication / automation for the commander regardless of terrain or location; procured and integrated systems facilitating communication to senior and subordinate commanders
* Responsible for facilitating communication and automation support for the commander during travel in all regions of Afghanistan as well as areas of interest throughout three continents

**IT Developer / Engineering Lead,** 2004 – 2005

CFC-A, CJ6, Camp Eggers, Kabul Afghanistan

* Responsible for 15 IT projects including wireless solutions, application development, building IT commercialization, integrating US IT infrastructure for NATO forces, base movements, and integration of coalition forces communication systems
* Consultant for the Afghanistan Ministry of Communication and Ministry of Transportation recommending IT systems that would facilitate communication between provincial governors and the capital in Kabul
* Managed budgets for all projects with combined dollar totals exceeding $5,000,000 dollars

**Application Developer / Lab Manager,** State University of New York College at Buffalo, New York, 2002 – 2004

Buffalo, NY

* Responsible for project management and coordination of multiple student projects in the HiPERC organization
* Supported multiple application development efforts for High Performance Computing applications
* Started a student robotics project resulting in a grant which purchased six robotics kits for future projects
* Managed lab inventory, assisted with data gathering, and managed website development and content

**Lead Engineer / Executive Officer and Cable Platoon Leader,** 2001 – 2002

Bravo Company, 63rd Signal Battalion, Fort Gordon, Georgia

* Developed tracking software system for company soldier readiness
* Developed weapons training and accountability tracking software for use by the company Armorer
* Executive Officer (Company Operations Officer) for a 108-soldier signal company
* Provided tactical / strategic communication / automation systems support to Joint Tactical Forces, Forces Command, US Army Southern Command, and Theater Army operations
* Project Manager for Data communications package integrating an enterprise information systems data center into the tactical digital group multiplexing communication systems
* Developed custom applications for use on the data communications package for enterprise operations

**Senior Engineer / Communications and Electronics Maintenance Supervisor / Technician,** 1989 - 2001

US Army (Korea / Fort Hood / Bosnia-Herzegovina / Other training locations and military installations)

* Led the integration of web services and internet connectivity to a formerly paper only stove piped solution
* Developed multiple software applications for soldier training support, accountability, deployability, and maintenance
* Supervised (as platoon sergeant) a 56-soldier platoon and responsible for all tactical and technical related training
* Senior Intercept / Electronic Warfare Maintenance Supervisor / Project Manager in a forward deployed Battalion supporting Operation Joint Forge operating from Camp Eagle, Bosnia-Herzegovina
* Served as the lead application developer building custom aps using HTML, MS Access and other technologies
* Responsible for the implementation, maintenance, troubleshooting, repair, and operation of intelligence systems and associated network infrastructure valued at over $10,000,000 dollars
* Supervised and coordinated maintenance and calibration of all Test Measurement and Diagnostic Equipment
* Responsible for the project management of integrating new Battalion level intelligence systems
* Responsible for planning, preparing training, and assisting in presenting training for platoon and squad soldiers

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| **Military Awards:**  • BSM, Bronze Star Medal  • DMSM-2 , Defense Meritorious Service Medal (2 Awards)  • MSM, Meritorious Service Medal  • JSCOM-2, Joint Service Commendation Medal (2 Awards)  • ARCOM-3, Army Commendation Medal (3 Awards)  • JSAM-2, Joint Service Achievement Medal (2 Awards)  • AAM-5, Army Achievement Medal (5 Awards)  • AGCM-3, Army Good Conduct Medal (3 Awards) | • ACM, Afghan Campaign Medal  • ICM, Iraq Campaign Medal  • GWOTE, Global War on Terror Expeditionary  • GWOTS, Global War on Terrorism Service  • KDSM, Korean Defense Service Medal  • NCOPD-2, Non Commissioned Officer Professional Development (2 Awards)  • NATO, NATO Medal  • NDSR -2, National Defense Service Ribbon (2 Awards)  • OS SVC, Overseas Service Ribbon  • ASR, Army Service Ribbon  • AFEM, Armed Forces Expeditionary Medal |

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| **Civilian Awards:**  • SUNY Chancellors Award for Student Excellence  • Buffalo State College President’s Medal Recipient  • Clark Scholarship – CIS Department Scholarship  • Ross & Mary Syracuse Scholarship – Buffalo State Alumni Association  • CSEMS Scholarship – National Science Foundation  • Military Excellence Award – Armed Forces Benefits Association  • Major General George O. Squire Award – USPA & IRA (First Command Financing) | **Other Information:**  • NSA Military Performer of the Year - 2009  • Keynote Speaker - Worldwide Technology Conference 2009  • NSA Military Performer of the Year - 2008  • Keynote Speaker - Worldwide Information Technology Conference 2008  • NSA Technology Directorate Military Performer of the Year - 2007  • Buffalo State College President’s Medal Recipient  • Distinguished Honor Graduate of SOBC Class  • President of Officer Candidate School class  • Inducted into The Sergeant Audie Murphy Club – April 2000  • 312th Military Intelligence Battalion Trainer Of The Quarter For 1st, 2nd, 3rd, & 4th Qtr 2000  • 312th Military Intelligence Battalion NCO Of The Quarter For 2nd Quarter 1999  • Earned Cavalry Spurs in the 312th Military Intelligence Battalion Spur Walk - April 1999  • 312th Military Intelligence Battalion NCO Of The Quarter for 1st Quarter 1997  • 312th Military Intelligence Battalion Soldier of the Quarter for 3rd Quarter 1994  • US Army Signal Corps Association – US Army Member  • Sergeant Audie Murphy Club – US Army Member |