

Jim Doughty, MCP doughty_jim@bah.com Booz Allen Hamilton DRAFT1	Web Developer, System Analyst, Database Admin IT Professional 
--	---

Professional Background

Summary: Over twenty years in IT. Fourteen years in DoD domain. Five years Web development and administration. Three years Web enabled GIS. Four years Project Portfolio Management. Five years DoDAF architecture modeling. Ten years VBA and Microsoft Access Database developer. Ten years Database administration and design. Four years computer technical support. Experience in networking, PC hardware and PC software support. Ten years in a manufacturing environment. Knowledge in the total quality management and business process reengineering. Experience with Computer Aided Design (CAD) and six years as CAD system administrator.	<ul style="list-style-type: none"> • Full Stack Web Developer • Project Portfolio Management • MS Access Development • JS, VBA Programmer • Windows Systems Administration • Database Administration
---	--

Security Clearance

Type of Clearance: "Top Secret" – SSBI granted 1998, Reinvestigation 2015

Skills / Tools

Software Tools / Applications Adobe Fireworks, Adobe RoboHelp, Altova XML Tools, Apache Tomcat, ArcGIS Desktop, Atom, AutoCAD, ESRI ArcIMS & ArcSDE, IBM Rational DOORS, IBM Rational System Architect, Lotus Domino Application Development, Lotus Notes, MS SMTP Server, SharePoint Portal Server, Sparx Enterprise Architect, UML, Unicom Focal Point (PPM), Visio, Web Stats Reporting Tools, Fundamentals of TCP/IP. Databases JSON, Microsoft Access, Microsoft SQL Server, MongoDB, Oracle, PostgreSQL. Web Development Adobe ColdFusion MX, Adobe Dreamweaver, AngularJS, Bootstrap, Express, Javascript, JavaScript, JQuery, MongoDB, MS IIS Web Server, Node.js, Postman, Ruby on Rails, SharePoint Access Apps, Tomcat, XML/XSLT, HTML 5, CSS 3, Heroku. Software Languages ArcObjects, Javascript, LotusScript, SQL, VB.NET Visual Basic for Applications. Operating Systems / Version Management Bash, Dell OpenManage, GIT Hub, MS-DOS, UNIX, Windows 10, Windows 2012 Server, Windows 7, Zen Hub, Computer Hardware Cisco routers, Dell PowerEdge Servers, Personal Computers, VMware, Apple. Various terminals and peripherals; tape drives, plotters, printers, modems, RS-232, modular wiring
--

Experience

Associate / System Analyst Booz Allen Hamilton Colorado Springs, CO	1998 to present
Clients: NORAD US NORTHCOM, US STRATCOM, National Geospatial Agency (NGA), Air Force US Space Command, Air Force Space and Missile Center Functional Areas: Web development, Web enabled GIS, JavaScript, Visual Basic, Windows system administration, database design and administration on various contract assignments.	

Projects:

- ❖ Support Air Force Launch and Test Range System (LTRS) Systems Engineering and Integration Contact. Development of system and subsystem level DoDAF products. Development of DoDAF Architecture Web site tool. Development of Unicom Focal Point Web site for: Architecture, Project and Requirements on-line integration. Developer for Focal Point Out Year Planning tool.
- ❖ Support Air Force Space Command (AFSPC) Cyber Requirements Division as Cloud Computing SME and DoDAF Architecture SME.
- ❖ Support DoDAF Modeling for SBIRS "AS-IS" Architecture for Air Force Space Command A5FS OPIR / SBIRS Program Office.
- ❖ DoDAF Architecture support to Air Force Space Command A5FG Missile Warning / Missile Defense division. Provided DoDAF Architecture for Missile Warning ground bases radars.
- ❖ Support Integrated Tactical Warning & Attack Assessment (ITW/AA) mission architecture development team (DoDAF). Provide IT support, database, Web site development and IBM Rational System Architect support. Oracle 9i Database support. Windows Server DISA Security Readiness system configuration (DISA Gold Disk Configuration). For USSTRATCOM J61 and J851. Developed ITWAA Mission Architecture Repository (IMAR) classified Web site.
- ❖ Support of Transformational Satellite (TSAT) program DoDAF Architecture development team. Developed Web based "SE.ID" tool to view architecture data, requirements and program documents. Named number two CPAR (*Contractor Performance Assessment Reporting System*) for TSAT SE&I Contact.
- ❖ Assist in Space Situational Awareness Net-Centric related task for OSD/NII and AFSPC.
- ❖ VBA Microsoft Project / VBA Microsoft Access Developer for Scheduling team on a large Air Force contract (AFSCN). Microsoft Office XML development.
- ❖ Telelogic System Architect server administration and VBA support for Air Force trade study task.
- ❖ IT support to "Environmental Team". Trade studies; architected document catalog application for administrative records.
- ❖ Microsoft SharePoint Portal administrator. Setup and configured small development environment for SharePoint 2003.
- ❖ Microsoft Access developer for classified "SURTS" requirements traceability database application. For task from National Geospatial Agency (NGA) on "Space Radar" project.
- ❖ ArcObjects developer for ArcGIS Desktop utility for data import and conversions.
- ❖ Spatial Services Gateway Project, GIS Developer, Project Manager, ColdFusion Developer, setup small lab.
- ❖ California Space Authority (CSA) Web Enabled GIS Web Site. Implementation and development. Preformed server Security lockdown for use on the Internet.
- ❖ ColdFusion Web Developer on DoD DIMHRS Web Application.
- ❖ Webmaster for Ground Moving Target Indicator (GMTI) Analyses of Alternatives (AoA) team. Web sites both classified and unclassified.
- ❖ Database administrator Requirements Working Group GMTI Analysis of Alternatives (AoA).
- ❖ USNORTHCOM Status Tracker prototype application Web enabled GIS Application.
- ❖ Lotus Notes Development for DoD ACMS Program.
- ❖ "Spaced Based Blue Force Tracking" project; database design and administration using the Sybase PowerDesigner database modeling tool and Microsoft SQL Server 2000. (SV-11)
- ❖ "California Space Infrastructure Program" collaboration and information repository web site using Lotus Domino. This site is 100% database driven.
- ❖ Completely database driven Web site used in support of the Operations Support Center for a major satellite planning tool (ACMS) used in the DoD.
- ❖ USAF, SMC Detachment 11 supported the 55th Space Weather Squadron classified Web site in development and operations and maintenance.
- ❖ Webmaster for Headquarters NORAD/USSPACE Command SIPRNET Web site. Supported thirty plus Web Page Administrators. Provided technical support and training and system administration for the Command's Web Server on a UNIX platform.

Systems Analyst, Webmaster, Team Lead Networking Technical Documentation Group
Internal Data Networks Organization
Verizon was networkMCI Services Colorado Springs, CO

1994 to 1998

Production of logical network drawings, wiring diagrams and rack/cabinet elevation drawings for the MCI's' WAN (Wide Area Network), LAN (Local Area Network) and Data Center infrastructure using AutoCAD, Visio. Design, implement and support Intranet Web Site for the support of the MCI Internal Data Network.

Manager Technical Services, Computer and Networking Support
Design Drafter, Computer Aided Design
Chart Industries was Process Engineering Inc., Plaistow, NH

1979 to 1992

Education and Training

Degrees / Certificates

Colorado Technical University:

Bachelor of Science Systems Management, June 1994

Total Quality Management Certificate, March 1994

Other Training

General Assembly 12 Week Web Development Immersion Class, Microsoft Certified Professional (MCP)

Workstation, Server, Enterprise

Memberships / Professional Committees or Organizations (past and present)

Volunteers for Outdoor Colorado, Industrial Arts Advisory Committee, Londonderry HS, NH; Technology Advisory Committee, TRJHS, NH; Maine; National Computer Graphics Association; Pikes Peak AutoCAD users group (newsletter editor); Society of Logistics Engineers (SOLE, local chapter chairperson), Colorado Springs Small Business Total Quality Partnership Team and the American Society of Quality Control (ASQC) ISO 9000 Network. AFCEA Webmaster volunteer. Boy Scouts of America volunteer.

END