
CAREER OBJECTIVE

Lead the design and implementation of innovative technology solutions and enterprise architectures in a challenging environment where engineering and leadership skills can contribute to a company's organizational excellence.

SKILL PROFILE

Best Practices and Design Principles: Software architecture and design, client and risk management, object-oriented analysis, application of industry-standard design patterns and methodologies, enterprise portals and collaboration technologies, service-oriented information sharing, extreme programming, test-first development, version control and configuration management, requirement and design documentation, performance testing

Java Technologies: J2SE, Java EE, EJB, JMS, JavaMail, JDBC, Servlets, JSR-168, RMI, JSF, Swing, Spring, Hibernate, Struts, Apache Axis, Applets, JUnit, WSDP, JAX-RPC, JAXP, JAXB, JDO

Microsoft .NET Languages: Visual C#.NET, Visual C++.NET, VB.NET, ASP.NET

Web Scripting Languages and Standards: ColdFusion, PHP, ASP, DHTML, JavaScript, CSS, AJAX

Data and Reporting Technologies: SQL, XML, SOAP, Web Services, RSS, ATOM, REST, RPC, Transact-SQL, Stored Procedures, LDAP, Crystal Reports

Server Software Packages: Microsoft Windows 2000 and 2003, VMWare Server, Apache Web Server 2.x, BEA WebLogic Server 8.x, JBoss Application Server 3.x and 4.x, Apache Tomcat 4.x and 5.x, PHP 4.x and 5.x, Liferay Portal 4.x, JBoss Enterprise Portal Platform 2.x, Microsoft SQL Server 6.5 and 7.0, MySQL 4.x, PostgreSQL, Pentaho Reporting, Pentaho Data Integration, Microsoft IIS 5.x and 6.x, Macromedia ColdFusion Server 5.0 and MX, Macromedia JRun 4, Business Objects Crystal Enterprise 8.x, BEA AquaLogic 5.x and 6.x, Microsoft Active Directory 2000, Radiant Logic RadiantOne VDS, FileMaker Pro

Development and Testing Technologies: Eclipse 3.x, Microsoft Visual Studio 6 and .NET, CVS, SubVersion, Apache Maven 1.x and 2.x, Apache Ant, Mercury LoadRunner

SECURITY CLEARANCES

Department of Defense Top Secret (Active)	May 2006
Department of Justice (Active)	October 2005
Department of Defense Top Secret/SCI	Spring 2009 (Projected)

CERTIFICATIONS

Sun Certified Enterprise Architect	December 2006
Sun Certified Business Component Developer (Version 5)	December 2006
Sun Certified Programmer (Version 5.0)	December 2006
Sun Certified Developer	October 2004
Sun Certified Web Component Developer (Version 1.4)	March 2004

PROFESSIONAL EXPERIENCE

Associate	Booz Allen Hamilton	November 2004 - Present
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Booz Allen Hamilton provides high-impact strategy and technology consulting services to the world's leading corporations and government organizations. The company generates annual sales of \$3.6B while its 17,000 employees continue the Booz Allen Hamilton 90 year legacy of "delivering results that endure."

Team Leadership and Business Development Initiatives

- Led the 34 member software engineering delivery team for the Department of Defense's Anti-Drug Network program, consisting of engineers, business analysts, data architects, and enterprise architects. Worked daily with fellow leadership team members and the client's chief engineer to manage the successful execution of \$3.5M in yearly external software projects, plus a \$1.5M annual software engineering and operational core budget. Managed all software engineering team members, including the allocation of resources across projects, meeting rapidly changing client priorities.
- Served as a "Front Line Leader" on a Booz Allen "home team" focused primarily on law enforcement and counter-narcotics markets, managing eleven Consultants, Senior Consultants, and Associates. Developed organizational roadmaps, defined organizational roles and responsibilities, and co-organized mentorship and career development practices with two other home team leaders.
- Co-authored technical aspects of four proposals in the law enforcement and counter-narcotics markets. Participated in multiple aspects of the proposal process, including quality assurance, Partner reviews, and oral presentations to the client. Served as the primary technical point of contact and authored the technical evaluation approach for a winning FBI proposal.

- Participated on teams to define the strategy and implementation plan for incorporating CMMI Level 3 and ITIL Version 2 into the ADNET program. Contributed to process improvement initiatives to address asset management, configuration management, and release management processes and governance.
- Participated in several industry and technical conferences, including the Defense Information Systems Agency leadership conference, the Department of Defense Intelligence Information System Worldwide Conference, an open source symposium, and a conference on Web 2.0 technologies, representing Booz Allen Hamilton and/or DISA. Demonstrated information sharing direction and vision to senior members of DISA during the DISA leadership conference, including top military personnel and existing and future clients. Developed a proof of concept portal and demonstration materials to serve as a differentiator and distinguish Booz Allen Hamilton capabilities from the competition.

Project Management and Innovation Activities

- Coordinated and presided over requirement gathering meetings, status updates, and engineering and operational review boards with clients and internal staff for tasks with budgets of up to \$1M. Recommended design solutions and schedules to Department of Defense and Department of Justice clients, and proposed software requirements and processes to add value to new and existing systems. Managed customer expectations and communicated progress and risks to senior management, ensuring successful software deployments and satisfied clients.
- Led the design and implementation of a \$950k data warehousing solution that accounted for future dataflows to multiple security classifications. Managed a staff of 15 data architects, technologists, and security engineers, and coordinated the approval and procurement process for \$250k of software and hardware. Communicated across multiple data-sharing stakeholders to design a flexible and scalable architecture, and developed a four-year roadmap for future phases of the initiative.
- Managed initiatives within Booz Allen Hamilton's Open Source Community of Practice, including the evaluation of open source alternatives to commercial software, the creation of prototypes, and the generation of intellectual capital such as white papers. Developed an intranet presence for the Open Source Community of Practice, and designed the information architecture to harvest and share intellectual capital, contributing to Booz Allen Hamilton's knowledge management initiative. Proposed multiple research and development initiatives, and received marketing funding to build the company's position on open source.
- Designed and presented architecture recommendations while leading the technical analysis of alternatives for an FBI system. Provided technical guidance to five technologists and business analysts while leading commercial and FBI-developed product evaluations, and presented recommendations to a diverse FBI audience.
- Served as the portal subject matter expert on an integrated team to gather requirements and develop a tactical portal implementation plan for the FBI. Worked with technology vendors to understand capabilities, determine integration possibilities, and recommend commercial software packages and a development strategy.
- Recognized risks and inconsistencies with configuration management activities, and developed a process to test and deploy software configuration changes to an operational environment. Authored process documentation and workflows, and trained software engineering staff on operational practices. After serving in a quality assurance management role for six months to ensure practices were followed, transitioned the responsibility to another staff member to promote career development.
- Recommended improvements and encouraged best practices as the software engineering lead on an impromptu priority-one Tiger Team initiative to assess and improve the enterprise. Evaluated software and worked with network and security engineers to determine modifications to architecture, resolving numerous reliability and performance issues and improving customer confidence. Concurrently managed existing tasks to avoid impacting existing schedules.

Team and Personal Development

- Promoted from Booz Allen Hamilton Senior Consultant to Associate within first year of service. Received firm's Values In Practice award, the firm's highest employee recognition, as well as two additional recognitions for performance and dedication.
- Led hiring initiatives, scheduled and conducted interviews, and organized recruiting events to fill engineer and business analyst positions. Served as the team's point of contact to the company's recruiting department, and made hiring decisions and recommendations for open requisitions, resulting in a skilled, enthusiastic, collaborative, and successful engineering team.
- Authored a Booz Allen Hamilton white paper on service-based information sharing, and distributed to prospective clients and points of contact, demonstrating the firm's capability, approach, and expertise.
- Worked with team leaders throughout the company to identify new opportunities for staff members, by responding to resourcing requests, providing qualifications on proposals, and marketing the accomplishments and domain experience of teammates.

Distinguished Architecture and Development Initiatives

- Led aspects of a top priority enterprise migration to BEA AquaLogic User Interaction and Oracle Database 10g, involving \$1M in software, hardware, and labor. Proposed and presented a portal server architecture based on performance, scalability, and licensing, and designed and scripted the data migration effort. Participated in the network infrastructure design and researched technologies including global site load balancing, seamless failover, SAN and CIFS technology, virtual IP mappings, and hardware-based SSL.
Primary Technologies: BEA AquaLogic User Interaction, Plumtree Portal 5.0, Oracle 10g, WebLogic Server 8.x, SQL
- Designed and implemented the security model for an enterprise portal serving a 3000-user community and supporting multiple cross-cutting collaboration needs. Designed organizational and role-based models to support future clients with varying levels of integration. Architected and co-developed user provisioning and community management applications for users with varying levels of technological expertise, allowing for the automation of user management tasks.
Primary Technologies: BEA AquaLogic User Interaction, Java, Java EE, Hibernate, Struts, DHTML and JavaScript
- Worked with Plumtree Software (acquired by BEA) to understand the inner-workings of their portal product and develop architecture and development best practices for team. Presented insight back to Plumtree, resulting in the vendor planning updates of white papers and reexamination of published recommendations.
- Designed and co-developed a web-based secure email solution to integrate into an enterprise portal and offer a single-sign-on capability. Leveraged open source software to overcome aggressive timelines and deliver a high-impact solution for minimal cost. Re-engineered application workflows, refined the security model, and added features to meet additional client requirements.
Primary Technologies: Java, JDBC, Servlets, JavaMail, SQL, IMAP, SMTP

Senior Software Developer

J.Brown Agency

June 2000 - September 2004

J.Brown Agency excels as a leader in the co-marketing industry, developing and fulfilling the marketing goals of Fortune 500 companies. J.Brown Agency is a \$20M partner corporation of Grey Global Group, the seventh-most profitable advertising company worldwide with a presence in 90 countries.

Technology Management Initiatives

- Evaluated J.Brown's technology needs and recommended development projects to solve business problems and simplify employee tasks. Identified opportunities for custom software solutions across four offices supporting over 100 users. Researched enterprise applications for integration with existing systems and recommended software purchases to maximize the agency's technology capabilities.
- Enhanced reliability and robustness of J.Brown's software by leading an initiative to migrate legacy system components to Java. Minimized impacts on users by proposing and executing integration plans complete with interim solutions.
Primary Technologies: Java EE, EJB, Servlets, Swing, T-SQL
- Managed development initiatives including contracted projects. Established documentation and quality control standards to improve communication with account teams. Consulted with supervisors to prepare timetables and evaluate development progress.

Distinguished Development Initiatives

- Architected and developed the Retailer Information System, a centralized resource containing proprietary and purchased retailer data. Worked with data analysts and senior management executives to develop the system used by agency and partner companies supporting hundreds of users. Maximized user experiences through data organization and interface optimization.
Primary Technologies: ColdFusion, T-SQL with Stored Procedures, DHTML and JavaScript, Crystal Reports
- Designed and programmed modules of a company-wide order tracking and financial management system. Interviewed users to identify opportunities for system enhancements and proposed interface improvements that increased employee efficiency. Worked with users to conceptualize and build client reports for J.Brown's \$4M Kraft Foods account.
Primary Technologies: Java EE, EJB, Servlets, Swing, SQL with Stored Procedures, Crystal Reports
- Coordinated information in multiple offices by implementing a transparent service-oriented distributed computing framework using an XML-RPC methodology. Programmed supplementary asynchronous queuing functionality, and ensured data integrity by adding logging and error handling features. Integrated systems residing on different platforms that were developed using diverse languages.
Primary Technologies: ColdFusion, Java, JDBC, Servlets, XML, SQL

- Participated in the development of AdMaker, a highly profitable application that automates the customization of print-ready sales and marketing materials. Re-engineered AdMaker components to reduce customization time, increase template extensibility, and improve appeal to clients. Designed and programmed websites for Avaya and International Dairy Queen to integrate with AdMaker, serving hundreds of marketing managers and small business owners, many with limited understanding of technology or AdMaker processes.
Primary Technologies: ColdFusion, DHTML and JavaScript, T-SQL with Stored Procedures, XML
- Integrated TDLinx store-level retailer data into J.Brown's marketing databases. Extrapolated additional layers of information to simplify the user view of data. Proposed and developed detailed reports based on TDLinx information and managed ad-hoc requests for data queries.
Primary Technologies: Crystal Reports, T-SQL with Stored Procedures

Client and Team Collaboration

- Led the technology side of new business initiatives for clients such as Avaya, BIC, and International Dairy Queen. Proposed website concepts to promote client services and products in international markets. Presented software demonstrations to client representatives and worked with account supervisors to secure projects individually yielding over \$50k in several instances.
- Collaborated with client representatives, internal account teams, and management executives to conceive and design software for client companies such as Kraft Foods, Nabisco, Clorox, and Tropicana. Gathered business requirements and explained development specifications and designs to non-technical client representatives.
- Managed all client technical issues and coordinated with account teams and management staff to ensure client confidence.

Independent Consultant

Distinguished Consulting Initiatives and Personal Development Projects

- Envisioned, architected, and developed a web-based email client with support for user and group management, multiple email protocols, and mail filtering rules. Leveraged open source jASEN libraries to integrate anti-spam support. Currently use the system for all personal email purposes.
Primary Technologies: Java, Java EE, EJB, Struts, SQL, JavaMail, JSP, DHTML and JavaScript
- Designed personal server configuration using VMWare Server hosted on an inexpensive personal computer. Configuration follows networking best practices, including separation of web, application, and database tiers into three virtual servers, and security practices strictly controlling the communication between the virtual servers through file system-based controls and an extensive purpose-driven password scheme. Leveraged multiple open source products across the tiers, including Apache Web Server, JBoss Portal, JBoss Application Server and PHP.
Primary Technologies: VMWare, JBoss Portal, JBoss Application Server, Apache Web Server, PHP
- Envisioned, designed, and implemented a Java EE-based web log software with support for configurable views and multiple RSS feeds. Incorporated links to major social bookmarking engines to simplify the tagging and sharing of posts.
Primary Technologies: Java, Java EE, EJB, Struts, JSP, DHTML and JavaScript
- Envisioned, designed, and implemented a .NET and Java-based data management system. Leveraged usability and rapid-development advantages of Visual Basic .NET and persistence and workflow advantages of Java EE to produce a web services-based communication layer.
Primary Technologies: Java, Java EE, JDO, Visual Basic.NET, Apache Axis
- Co-designed and co-developed a digital image management system to be deployed to kiosk terminals. Developed a service-oriented capability to upload remote images to a central server, allowing users to manage images online, and differentiating the application from its competition.
Primary Technologies: Visual Basic .NET, ASP.NET, SQL
- Co-developed a mobile device-enabled survey engine with a web service-based communication framework. Designed and developed an XML parsing module deployed on mobile devices to facilitate communication.
Primary Technologies: Mobile device-supported Visual Basic .NET, XML
- Envisioned, designed, and configured a portal solution using an open source portal framework. Developed custom portlets based on the JSR-168 specification, including a multi-threaded custom RSS/ATOM feed aggregator with AJAX support, a financial dashboard to interface into an existing financial tracking system, an email portlet with EJB interfaces into an existing email system, a stock tracker with web service interfaces into a public stock service, and several additional custom portlets.
Primary Technologies: Java, Java EE, EJB, JSF, Web Services, AJAX, JBoss Portal, DHTML and JavaScript
- Envisioned, designed, and implemented a database-agnostic data management system with web-based user interfaces to create database tables, enter and validate information, and produce reports. Currently use system for personal financial recording and tracking, and integrated system with Pentaho Reports for financial analysis.
Primary Technologies: PHP, T-SQL, Pentaho Reports, DHTML and JavaScript

ADDITIONAL LEADERSHIP EXPERIENCE

- Condominium Association Director Harbor Terrace Condominium June 2005 - Present
- Co-directed a community of 166 homes, with a \$500k+ reserve fund budget and annual revenue of approximately \$500k.
 - Served as secretary of the association, managing meeting minutes and financial, legal, and organizational documents.
 - Collaborated with directors and community members to make decisions on issues involving community improvements, litigation, emergency repairs, prioritization of activities, resident satisfaction, communication, and long-term community planning.
- Residence Hall Council President University of Connecticut August 1999 - May 2000
- Organized and presided over weekly meetings consisting of 30 council members, executive staff, resident assistants, and additional student leaders.
 - Oversaw executive staff and budget for the council, and delegated project responsibilities to council members.
 - Directed service projects and social programs for a community of 1,000 students.
- Resident Assistant University of Connecticut August 2001 - May 2002
- Provided academic and personal guidance to 40 students living in a residence hall environment. Established a safe and inviting community atmosphere based on the university conduct code.
 - Organized volunteer projects, educational and recreational programs, and community development initiatives.
- Connecticut Certified Emergency Medical Technician May 1997 - July 2003
- Participated on a team of first-responders to medical emergencies.

EDUCATION

- University of Connecticut August 1998 - May 2002
- Obtained the degree of Bachelor of Science in Computer Science and Engineering.
 - Achieved a 3.1/4.0 GPA and Dean's List recognitions.
- Johns Hopkins University September 2006 - May 2009 (Projected)
- In process of obtaining the degree of Masters of Science in Information and Telecommunication Systems for Business.
 - In process of obtaining an Information and Telecommunications Graduate Certificate in Competitive Intelligence.
 - Maintained a 4.0/4.0 GPA while fulfilling requirements for ten of the fifteen required courses.