

G. Matthew Topper

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SENIOR Technical Services EXECUTIVE

Development Director / Application Architect / Cross Domain Integration Specialist

TS-SCI Clearance Qualifications Profile

Solutions-focused, cutting-edge technical services practice manager with track record of fusing technology, vision, and strategic plans to achieve successful product development and revenue gains. Strong blend of creative and technical skills, with diverse background in wide range of IT and management disciplines. Confident leader able to direct top-performing, cross-functional teams of various sizes through entire application lifecycles, from ideation, initiation, design and development through testing and launch, while still getting his hands dirt and writing code. Skilled in working with managers from client companies and translating business needs into high-quality results. Thrives in challenging technology and leadership roles. A proven leader in the Oracle community serving as one of Oracle's Ace Directors signifying the top 50 Oracle Architects in the world across the database and middleware environments. Also serves on multiple Oracle User Group committees regularly speaking at industry events.

Core Competencies:

- ♦ Identity Management
- ♦ Cross Domain Security
- ♦ Application Development
- ♦ New/Emerging Technologies
- ♦ Organization Reengineering
- ♦ Solutions Implementation
- ♦ Project Coordination/Launch
- ♦ Best-In-Class Practices
- ♦ New Market Introduction
- ♦ Database Management
- ♦ Client Needs Fulfillment
- ♦ Team Training & Leadership
- ♦ Corporate Mission & Vision
- ♦ Project Reporting & Tracking
- ♦ Program Management

Professional Experience

Oracle America, Inc., Reston, VA

March 2008 – Present

TECHNOLOGY SERVICES PRACTICE DIRECTOR

Built the Intelligence Community's go to organization for Oracle Identity Management implementations. Serving as Oracle's knowledge expert for cross-domain and multi-level identity management solutions, provided the technical interface to customers for ideation and execution of mission goals. Built a strong team of solutions architects and developers to deliver customer projects maintaining over 90% utilization. Responsible for practice P&L, generation of service offerings, hiring, termination, career planning and growth, product management interface, presentations, demonstrations, project estimation, management, planning and delivery. Duties also included hands-on delivery of the following solutions in customer environments:

USG, DCMS

- Implemented a multi-level, federated identity authentication, authorization and provisioning solution for Oracle's Cross Domain Database Solution (CDSS) integrating with Siebel, Oracle Business Intelligence Enterprise Edition, Active Directory, Oracle BI Publisher, WebLogic and Oracle Universal Content Management
- Designed and implemented the infrastructure to support PL2 through PL4 security requirements.

US Stratcom

- Created a centralized single sign-on architecture for applications across the enterprise
- Developed the 3-year plan for deploying an end-to-end federated protected enterprise
- Implemented Kerberos, CAC, X.509 PKI soft certificates, as well as username/password based authentication schemes
- Integrated Oracle Access Manager (OAM) and Oracle Virtual Directory (OVD) with existing Oracle Internet Directory (OID) and Active Directory attribute stores

USG, EZ-HR PeopleSoft

- Architected, integrated, and implemented multi-level and cross domain authentication and authorization services with an existing PeopleSoft platform
- Integrated OAM, OVD, Oracle Enterprise User Security (EUS), Oracle Authentication Systems for Operating Systems, and Oracle Identity Manager (OIM) with PeopleSoft to manage end-to-end multi-level identities

FBI, Enterprise Directory Services

- Design, implemented and deployed the organizations' centralized identity attribute store, aggregating four distinct real-time sources with OVD
- Design, implemented and deployed the organizations' user provisioning across the agency utilizing OIM
- Provided a replicated attribute service built to serve hundreds of thousands of operations per minute
- Built a highly distributed and available COOP site utilizing F5 Global and Local Traffic Managers

Army, SED Cross Domain Program

- Provided consulting services in the design of two-factor authentication in support of a PL4 cross domain database environment
- Implemented Oracle's Identity Management Suite to manage privileged user controls within a PL4 environment

IT Convergence, Inc., Chicago, IL

TECHNOLOGY SERVICES PRACTICE DIRECTOR

Built a reputation within the Oracle consulting space as one of the most trusted and honest consultants in the business. Quickly became the "go to" guy for any troubled project or major challenge. Appointed director for a brand new Technology Services Practice growing into an 8 million dollar organization in just over a year. Implemented CMMI standard practices in a chaotic organization that was consistently late to deliver and over budget. Changed the organization's reputation within the Oracle community from a staff augmentation shop to a group of trust advisor Oracle experts. Strengthened the relationships with Oracle sales and product development to open up numerous high dollar opportunities for the organization.

American Commercial Lines, Inc.

- Brought into the organization to play the role of Director of Infrastructure. The organization needed to grow quickly to support an acquisition effort and standardize their deployment model.
- Built brand new development, test and production environments, in a four tier Oracle Fusion Middleware Architecture.
- Revamped the standards for deployment, instance naming, testing, conversion, migration, monitoring and alerting.
- Implemented the Oracle Business Intelligence and Oracle Identity Management Suites integrating with existing Oracle, PeopleSoft, .NET, and client/server technologies.

Holland America Lines

- Lead the implementation of a 30,000 user identity provisioning and enterprise single sign-on project.
- Setup and configured automated provisioning of resources based on physical location, and ship side and shore side roles.
- The implementation consisted of numerous custom workflows and connectors that had to be extended from the original product functionality.
- Implemented Enterprise Single Sign-On and Access Management with Oracle Virtual Directory.

Cellular South

- Program management for multiple projects encompassing their custom General Ledger, Point of Sale, and CRM Systems. Integrating and extending the products through J2EE development on a WebLogic architecture
- Implemented their Oracle Service Oriented Architecture BPEL and ESB environments including high availability and disaster recovery solutions

Benderson Development

- Deployed a highly available three tiered business intelligence architecture with the Oracle Business Intelligence Enterprise Edition suite of tools.

Professional Experience Continued

- Implemented the ETL processes retrieving data from their JDE World source systems into an Oracle common warehouse model.
- Provided training and mentoring to staff developer and senior executives on the BIEE suite of tools.
- Built and deployed custom identity management integration with Microsoft Active Directory and Oracle Identity Manager to interface with the BIEE presentation layers.
- Created and deployed BI Publisher, Oracle Analytics and Analytic Dashboard reports for executive consumption.

Unisource Energy Corporation

- Led a mentoring engagement on the Oracle Application Server, deploying highly available configurations for BI, Portal and SOA. Provided the team with best practices, demonstrations of best practice failover and deployment techniques along with monitoring and alerting configurations.
- Architected SOA solutions for the team defining a scalable, highly available architecture for their billing, quality of service and customer services systems.

Harper College

- Architected their portal environment for all staff and student communication supporting over 150,000 users.
- Setup and configured automated provisioning of resources based on student information, grades levels achieved and classes enrolled upon.
- Built custom portlets for directory searches complying with various privacy acts surrounding the education segment, as well as, authentication and authorization portlets.
- Implemented Oracle's eSSO product to provide true end to end enterprise single sign-on

Major Payroll Vendor

- Architected their entire business intelligence environment providing financial insight into the organization organizing their profit center into a centralized data warehousing environment utilizing the Oracle Business Intelligence Standard Edition for presentation
- Worked with senior management to structure, build, and train both onshore and offshore resources for their business intelligence and data warehousing practices. This included staff evaluations and growth models to fulfill business needs over a 36 month time period.

Acuity Brands

- Performed an upgrade of Discoverer 4i to 10gR2 over a weekend with zero downtime and no loss of data or reports.

F5 Networks

- Built the Oracle Portal environment in multiple configurations to support the testing of F5 load balancers for their corporate whitepapers.
- Assisted in the troubleshooting of their environments during the reconfiguration and deployment processes.

FTD Flowers

- Assisted in re-architecting their order entry Service Oriented Architecture to scale to thousands of concurrent orders on their existing hardware quadrupling their capacity without any additional hardware or code changes.

Verax Identity, Inc.

- Architected and led the development for the next generation public identity verification service that is to service multiple states department of motor vehicles.
- Built a service oriented architecture around identity authentication for the organization with a flexible architecture to incorporate future biometric identity sources.
- Built a system that scales to millions of transactions a minute, integrating with third party biometric providers.

TUSC, Inc., Chicago, IL

April 2005 – September 2006

MANAGEMENT CONSULTANT

Built many small engagements into million dollar accounts contributing to 30% corporate growth within a year. Worked to extend the company's presence in the Fusion Middleware space to become a market leader focusing on high availability, business intelligence and identity management architectures. Built relationships with key Oracle and user group personnel to solidify the company as the go to partner in key technology areas. Promoted twice within a year for proven ability to close customer deals and implement consistent on time and on budget solutions.

American College Testing

Expanded the client from a simple environment evaluation, to the number one corporate account through open and honest communication with ACT upper management. Through this relationship quickly became the company's primary vendor for all development and architecture projects.

- ◆ Re-architected the company's number one product to support over 200,000 concurrent users from a system that was previously unable to stably handle 200 concurrent users.
- ◆ Implemented the company's new test delivery system with proven results to scale to over 200,000 concurrent users through a globally distributed architecture.
- ◆ Introduced a new Business Intelligence and Data Warehousing organization into the client implementing a 1TB data warehouse in less than 6 months. Completely revolutionizing the way ACT reports on their test taking and allowing them to better understand their business directions.
- ◆ Architected the companies federated identity management solution helping colleges to integrate records with greater levels of success including integrated records management.

Charter Steel

Implemented an end to end solution streamlining the entire corporate inquiry to invoice program. Integrated with legacy Ross RenCS ERP system creating interfaces where none existed and implementing common services into a single online interface for customers. The application allowed the company to carry 20 less customer service representatives and efficiently be able to do real time supply chain management. Integrated with corporate partners to receive the best pricing on raw materials through a web services architecture. Designed a RFID tagging system for inventory management.

R.L. Polk & Co., Southfield, MI

1998 – March 2005

SENIOR APPLICATION ARCHITECT / PROGRAM MANAGER

Built a distinguished record as a trusted applications architect for the automotive industry, providing expertise, leadership, and support across broad range of applications development and project management disciplines. Developed industry leading Business Intelligence and reporting solutions for every major automotive manufacturer, their marketing and advertising agencies, and suppliers.

Key Accomplishments:**Applications Development**

- ◆ Managed and co-developed a series of well-defined, fully functional global applications that resulted in successful implementation, comprehensive solutions, and client satisfaction. Representative applications include:
 - Enterprise Reporting, Service Reminder Programs, Customer Satisfaction Surveys, KPI Indicators, Executive Dashboards, Dynamic Mapping, GIS / Spatial Data Management, Data Flow and Management / Automotive-Oriented Programs*
 - ◆ Architected the corporate Service Oriented Architecture.
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◆ *Professional Experience Continued*

- ◆ Led the development and program management of the automotive industries premier ad-hoc analysis tool for registration, vehicles in operation, and sales data in the world. Reengineered a reporting system that used to take up to 24 hours into a solution that delivers the exact same reports and content in an average of 3 minutes. The solution employs one interface and code base that is flexible enough to meet all of the automotive OEM standard and custom system requirement and security concerns. Extended the product to be a multi-lingual global solution integrating all of the Polk data throughout the world. Increased the product's valuation by 150% over a three year period.
- ◆ Reengineered corporate OEM Dealer Solutions product suite, revolutionizing the Parts and Service programs for Toyota Motor Corporation and Daimler-Chrysler. The implementation of an online proofing engine for dealers dropped support calls by over 75%. Support executives were able to work on expanding the business, causing a 33% increase in customer spending.
- ◆ Integrated multiple Business Intelligence products (Oracle Discoverer and Microstrategy) with ad-hoc mapping engines (Oracle MapViewer and ESRI ArcIMS) to provide customers with dynamic on the fly maps depicting their custom geographies and selected data.

Infrastructure and Network Administration

- ◆ Configured and managed the corporate application architecture for all *NIX based applications. Architected and implemented corporate web and application servers on Oracle OAS, 9iAS and 10gAS.
- ◆ Led the architecture upgrade from Oracle 9iAS R2 to 10gAS with a seamless cutover to the end user. All application servers were migrated to the new platform and nothing remained on the old. Named one of the leading architecture designs for Oracle deployments and is now used as a reference by Oracle on "How to do things right".
- ◆ Designed and configured the corporate LDAP repository and assisted in the integration of other key Polk systems (legacy applications, Active Directory, etc.)

Project Management

- ◆ Led teams of up to 15 members through multiple product releases and life cycles. Consistently led up to 6 projects at a time maintaining the schedule, architecture, design, budget, and delivery of products.
- ◆ Maintain customer and supplier contacts with every major automotive manufacturer and software vendor for the applications at Polk.

Organizational Reengineering

- ◆ Implemented a full software life cycle following CMMI policies and procedures, achieving CMMI Level 2 certification within the organization through multiple release cycles and major architecture overhauls
- ◆ Reengineered multiple mainframe applications into UNIX / Java based applications retaining all functionality and enhancing the products in the process. A seamless and clean transition was always maintained during delivery.

Technology Expertise

- ◆ Adapted diverse set of roles, including Application Architect, Project Manager, Business Analyst, Database Administrator, and others to ensure fulfillment of key objectives and set the standard for staff performance.
- ◆ Maintain strong knowledge base of Oracle software products, Open Source projects and broad spectrum of other software and technology tools.

Professional Development

Awards

- ◆ 2004 Oracle Magazine Editor's Choice Spatial Developer of the Year
- ◆ 2007- Present Oracle Ace Director
- ◆ IOUG Fusion Middleware Task Force Member
- ◆ IOUG Collaborate Track Leader – Middleware
- ◆ Oracle 2007 Fusion Middleware Beta Participant
- ◆ Oracle 2003 Business Intelligence Beta Participant

Training Courses

- ◆ Oracle Identity Manager, Summer 2007
- ◆ Oracle Identity Manager Custom Connectors, Spring 2007
- ◆ Oracle Business Intelligence Enterprise Edition, Fall 2006
- ◆ Managing Global Projects, Summer 2004
- ◆ Oracle Discoverer Administration, Winter 2003
- ◆ Oracle Application Server Administration, Summer 2003

Education

Bachelors of Arts in Telecommunications with a concentration Information Technology
Bachelors of Science in Applied Engineering Management

Professional Affiliations:**SEMA Young Executives Network**

- ◆ A networking group for people in the specialty automotive aftermarket

Oracle Business Intelligence Customer Advisory Council

- ◆ A group for leading Oracle Business Intelligence customers, participating in product planning and early adopter beta testing

North American Oracle Spatial Special Interests Group

- ◆ A group for Oracle /Spatial and MapViewer customers, participating in product planning and early adopter beta testing

International Oracle Users Group

- ◆ A group for Oracle professional covering all end to end Oracle needs

Oracle Development Tools User Group

- ◆ A group for focusing on Oracle development from Business Intelligence to SOA to Identity Management

North American Oracle Spatial Special Interests Group

- ◆ A group for Oracle /Spatial and MapViewer customers, participating in product planning and early adopter beta testing

Project Management Institute

- ◆ An Applied Framework for Project Management

Speaking Engagements

- ◆ Oracle Open World, November 2007
 - Oracle Identity Management, The Total Identity Solution
 - Demystifying Oracle Fusion
 - Oracle Database 11g Best New Features Panel
 - Is that really you? Prove it!
- ◆ Oracle Development Tools User Group, June 2007
 - Building Speedy Applications with Ajax
 - Oracle Identity Management, The Total Identity Solution
 - Securing Web Services
- ◆ Oracle IOUG Collaborate, May 2007
 - Building Speedy Applications with Ajax
 - Oracle Identity Management, The Total Identity Solution
 - Securing Web Services
 - Load Balancing Solutions for Oracle RAC
 - Virtualizing Your Development and Test Environment with VMware for FREE!!!
- ◆ Oracle Development Tools User Group, June 2006
 - Quick Web Development with Oracle jDeveloper 10g
 - Service Oriented Architectures, Cut the Fluff
- ◆ International Oracle Users Group, April 2006
 - Spatially Enabling Your Business Intelligence Applications
- ◆ Western Michigan Oracle Users Group, October 2005
 - Building Simple, Scalable, and Repeatable Web Application Architectures

Selected Technical Skills:

Years Experience	Technology
6-10	Linux, Solaris, Project Management, Perl, JavaScript, HTML, Data Translation, Apache, SQL/PLSQL, Oracle Database, Java / J2EE, Oracle Application Server, OC4J
3-5	Data Warehouse Development, Oracle Database Administration, PHP, MySQL, JSP, CVS, Oracle Portal, Oracle Internet Directory, Microsoft Active Directory, OpenLDAP, CMMI Practices and Principles, Oracle Discoverer, Oracle MapViewer, Jakarta Struts, Web Services, Service Oriented Architecture, SOAP, XML, Program Management, Tomcat, RSS, junit, HttpUnit, Ant, WSRP, Business Process Execution Language (BPEL), Enterprise Service Bus (ESB), Oracle Identity Management, Oracle Analytics, Oracle Business Intelligence Enterprise Edition (BIEE), Oracle BI Publisher, Oracle BPEL, Oracle Identity Manager, Oracle Access Manager, Oracle Identity Federation, Thor Xellerate, Oblix CoreID, Oracle Virtual Directory, VMWare, Oracle Entitlements Server
0-2	Hadoop, Cassandra, Ruby on Rails, CouchDB, Redis, Oracle Identity Analytics, Oracle Adaptive Access Manager, Oracle Waveset, Oracle WebLogic, Oracle Information Rights Management