

Matthew C. Mead

Email: matthewcmead@gmail.com

PROFILE

Highly qualified software team lead, architect and developer seeking a position working with cutting-edge technologies in a rewarding environment. Results-focused individual with broad leadership and development experience. Dynamic leader and mentor with proven skills. Draws upon broad knowledge base in software lifecycle, software development, systems support, network administration. Excels in team and IT leadership, vision, architecture and software development. Strong sense of aesthetics, software capabilities, high attention to detail and reliable execution.

Particular strengths include:

- Excellent oral and written communication skills.
- Extensive experience using multiple languages/technologies (Java/J2EE, C++, C, Perl, PHP, Ruby) and environments (JVM, Linux, Mac, Various Unix, Windows).
- Application integration experience across numerous niches
- Experience with various development processes (Full-lifecycle, UML/RUP, Iterative, Waterfall).
- Development Team & Corporate IT Leadership, Project & Program Management.
- Classical Computer Science training and application to problem and solution analysis.
- Federal Government Solutions and Services Delivery

PROFESSIONAL EXPERIENCE

Senior Consultant, Principal Consultant; Endeca Technologies, Inc.; Reston, VA; 2008 – Present

Large-scale Endeca systems design, integration, development and deployment. Software architecture/design/implementation. Endeca integration via Hadoop, JDBC, JNDI, J2EE and custom integrations. Endeca. Java/J2EE/XML. Perl and bourne shell scripting. Large-scale, high-volume systems engineering. Use-case-focused text analytics and semi-structured data exploitation consulting.

- Designed and delivered large-scale Endeca systems.
- Led employee and partner efforts to successfully engineer and deploy complex Endeca integrations involving numerous integration technologies and large data scale.
- Designed and engineered standalone and integrated J2EE user interfaces for Endeca navigation.
- Supported sales activities for product licensing and professional services.

Senior Software Engineer, Internal Systems Manager, Director of Engineering Operations; August Schell Enterprises; Derwood, MD; 2004 – 2008

High quality software architecture/design/implementation. Endeca UI, pipeline and integration development. Team, project and program management in software development, application integration and PKI infrastructure engineering. Java/J2EE/XML. Perl and bourne shell scripting. Apache Tomcat, Ant, Maven. Object-oriented analysis and design.

- Directed, staffed and contributed in Endeca services delivery, custom development and PKI Engineering activities for DoD, Federal/Intelligence and private clients.
- Supported and installed Endeca, PKI and custom solutions at various sites in the continental U.S.
- Led technical efforts to implement and maintain comprehensive pharmaceutical tracking system.
- Designed and developed flexible data-driven reporting engine for use in customer applications.
- Led technical efforts and implemented enhancements to DoD PKI infrastructure.
- Participated in multiple roles to provide full lifecycle customer-focused services & solution delivery.

Applications Engineering Specialist, Applications Technology Advisor;
American Family Insurance; Madison, WI; 2002 – 2004

Corporate and mid-level management technology advising, IT program leadership and technical expert. Enterprise Architecture definition & planning. Development team leadership. Billing system architecture & implementation – Java J2EE/XML, Websphere, RUP OOAD.

- Led and contributed in strategic IT initiatives to support corporate IT vision and programs.
- Advised senior & midlevel management on applications architecture, development and related topics.
- Led and developed billing system architecture and development activities for technology refresh.

Software Developer, Software Architect; InSystems Technologies; Roanoke, VA; 1998 - 2002

Enterprise E-Business Software Architecture, Design, Implementation – Microsoft Visual C++, Java J2EE/XML. Sales cycle customer technology communication. Architecture and Vision development. Standards and Strategy. Software implementation lead.

- Led development of multiple components in valuable definition-driven framework.
- Developed vision and architecture documentation for internal implementation.

Computer Systems Senior Engineer; Virginia Tech Math Department; Blacksburg, VA; 1997 - 1998

Unix (Solaris, Digital Unix, IRIX, AIX, Linux, FreeBSD) and network (Ethernet, ATM, Services: NFS, NIS, SMTP, WWW, etc.) administration. Tutoring, mentoring of faculty, staff, and students for system usage. Security planning. Future system usage and capacity planning.

- Developed service planning and effective user communication skills.

Software Engineer; VTLS, Inc.; Blacksburg, VA; 1996 - 1997

User interface and rich client business logic design and implementation – Delphi, C, C++, Z39.50.

- Developed implementation skills, learned new application architectures, led small teams.

EDUCATION AND TRAINING

B.S. in Computer Science; Virginia Polytechnic Institute and State University; May, 1997

Object Oriented Analysis and Design using the UML; March, 2001

Customer-Focus and Negotiation; March, 2002

Netegrity SiteMinder and IdentityMinder Administration; April, 2004

Endeca Technical Consultant; May 2007

ADDENDUM**Experience performing as:**

- Director of Engineering Operations
- Internal Systems Manager
- Principal Technical Consultant & Architect
- Technology Advisor and Technical Expert (served mid-level and senior management)
- Corporate IT Program Leadership (strategic initiatives)
- Customer Interface (sales/pre-sales/support/on-site services delivery)
- Software Architect (vision/architecture/design/implementation)
- Team Lead/Lead Developer (teams up to 11)
- Software Developer (design/implementation)
- Systems Support (system/network administration)

Developed software using various software engineering processes, including: Full-lifecycle, UML/RUP, Iterative, and Waterfall.

Implementation and support on multiple platforms, including: Win32 (Windows 95-XP), Unix (Linux, Mac OS X, Solaris, FreeBSD, IRIX, AIX, Digital Unix, HP-UX).

Design and implementation for multiple application architectures, including: enterprise, n-tier, client/server, database.

Languages and Technologies Experience

Java / JDK 1.1-1.4, 5, 6 (10+ yrs)

C++ (3 yrs)

C (8 yrs)

Delphi (1 yr)

Perl (10+ yrs)

Bourne Shell Scripting (10+ yrs)

Tcl/Tk (1 yr)

Hadoop MapReduce (6 months)

J2EE 1.1, 1.2, 1.3, 1.4, 2.0 (5 yrs)

Servlet 2.1, 2.2, 2.3, 2.4 (8+ yrs)

JSP (8+ yrs)

JAXP 1.0, 1.1 (5 yrs)

XML (8+ yrs)

SAX (6+ yrs)

DOM (6+ yrs)

XSLT (2 yrs)

UML (5 yrs)

Unix Make (10+ yrs)

Apache Ant (5+ yrs)

JBuilder 3, 4, 5 (3 yrs)

WSAD 4, 5 (2 yrs)

Eclipse 1, 2, 3 (5+ yrs)

Clearcase Multisite (2 yrs)

CVS (10+ yrs)

Subversion (4+ yrs)

Jakarta Maven (6+ months)

Jakarta Digester (3+ yrs)

Jakarta Struts (6+ yrs)

Jakarta Log4J (6+ yrs)

JDBC 1.3, 2.0 (7+ yrs)

Oracle (4 yrs)

DB2 (2 yrs)

PostgreSQL (5+ yrs)

MySQL (4+ yrs)

Jakarta Velocity (5+ yrs)

Netscape Rhino (1 yr)

Applet 1.1 (3 yrs)

Web Containers (8+ yrs)

- Java WebServer

- JRun

- Apache/JServ

- Tomcat 3.2, 4.0, 5.0, 5.5

- Websphere 3.5, 4.0, 5.0

EJB Containers (5 yrs)

- Borland Application Server 3.5, 4.0

- Weblogic

- Websphere 3.5, 4.0, 5.0

- JBoss 2.4, 3.0

Identity Management / Security Solutions

- Netegrity (6+ months)

Search Engines:

- Endeca (3+ years)

Operating Systems (10+ years)

- Unix: (Linux, Solaris, Mac OS X, *BSD)

- Win32: Windows 95-XP, Server 2000, 2003