

Matthew L Daniel

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PROFESSIONAL EXPERIENCE

Guidewire Software, Inc.

San Mateo, California, US

Feb, 2007 -- Present

Senior Integration Architect

France Regional Development Center

Paris, FR

- Established required infrastructure, including Subversion, WebDAV, mailing lists, and release processes
- Increased my working knowledge of French to participate in business discussions and conduct independent requirements research in French
- Developed French insurance modules to allow ClaimCenter to be more quickly adopted by French customers

Lumley General Insurance, Ltd

Auckland City, Auckland, NZ

- Created proof of concept for auto-provisioning users in ClaimCenter upon first login
- Created proof of concept for branding ClaimCenter by agent, user or other business criteria
- Created proof of concept for invoking GScript unit tests (GUnit) from continuous integration
- Created proof of concept for authenticating intra-JVM SOAP calls
- Conducted integration training for Lumley personnel on ClaimCenter 5.0
- Lead the initiative to enumerate the policy search and retrieve scenarios
- Lead the initiative to create use case specification for all financial transactions involving ClaimCenter
- Worked tirelessly with the Guidewire head-office to drive out product bugs via reproducible test cases
- Developed a configuration process improvement to make upgrades easier; published this finding for peer review
- Enhanced the upgrade process to better integrate the changes with Subversion; published this finding for peer review

Suncorp-Metway Ltd

Sydney, NSW, AU

- Conducted integration training for Suncorp personnel on PolicyCenter 2.0
- Consulted with Suncorp Strategy and Architecture team on the use of Xen virtual servers for hosting the project build machine, wiki, business analyst PolicyCenter region and all of the development workstations (all running RedHat Enterprise Linux)
- Produced the initial proof of concept of the aforementioned virtualisation strategy, including access via Microsoft Remote Desktop from Suncorp standard desktops

- Configured workstation images for use as PolicyCenter development machine
- Liaised extensively with all manner of Suncorp teams to gather requirements, collect technical details and reduce risk and apprehension
- Created an automation script for Internet Explorer on Linux for use in continuous build cases
- Championed the use of GScript for integration code to increase project visibility of that logic
- Wrote integration between PolicyCenter and Suncorp services for the following points:
 - Mapping between PolicyCenter and Suncorp policy XML Schema
 - LDAP authentication against Suncorp Active Directory
 - Policy Number generation
 - Verification of Australian Business Number (ABN) via government web-service
 - Document Production via Suncorp web-service
 - Upload of policy snapshot to legacy system via Suncorp web-service
 - Rating engine via Suncorp web-service, including premium override conversational logic
- Created service stubs for testing the above integration points
- Assisted with PolicyCenter configuration activities
- Provided knowledge transfer to Suncorp personnel
- Conducted a second integration training for Suncorp personnel on ClaimCenter
- Created HTML-level annotation script to enable the BA/SME team to visualize the field mapping for the on-screen elements

ADP, Inc.

Alpharetta, GA, US

Aug, 2006 -- Feb, 2007

Senior Programmer/Analyst

- Championed the use of Trac+Subversion as a collaboration tool to replace ClearCase
- Upgraded existing ant and Eclipse build system to use continuous integration techniques and Maven 2
- Promoted software engineering best practices within the team and the organization
- Led the persistence framework migration from Oracle TopLink to EJB 3.0 (JPA)
- Promoted and led the implementation of two separate levels of software testing

Maximus, Inc.

Scottsdale, AZ, US

Feb, 2006 -- Aug, 2006

Independent Consultant

- Diagnosed and prepared recommendation for replacing a single-sign-on (SSO) system used for reporting
- Prepared Spanish localization demonstration of existing internationalized webapp, using Google's translation service allow client to win major contract
- Prepared proposal for replacing an in-house external-process scheduled remote procedure call subsystem with more JavaEE implementation to increase manageability and lower ongoing costs associated with the administration and maintenance of the in-house subsystem

- Worked extensively with Inetsoft's StyleReport reporting tool, leveraging their provided Java API to: create a query-by-example web-app, sharing created queries across users, create and manipulated Inetsoft reporting data sources, extended StyleReport report definitions to be data-source agnostic
- Created a new meta-data provider for Inetsoft's StyleReport allowing report definitions, data-source definitions and other relevant meta-data to be stored via WebDAV (which in turn was backed by an RDBMS) instead of a filesystem, to allow better distribution within the Enterprise; this migration also allowed monitoring the revision arc of any reporting meta-data (in contrast to a filesystem based provider, which is "last commit wins"); proposed using JMS and Inetsoft's inherent notification API to ensure that meta-data changes were propagated across the Enterprise

Oversight Systems, Inc.
Senior Software Engineer

Atlanta, GA, US

Jan, 2005 -- Feb, 2006

- Assumed legacy code support role for the in-house ETL (Extract-Transform-Load)solution
- Created SAP R/3 JCO (Java COnnector) data extraction and process management component for use in the existing ETL framework; provided code reviews and software engineering support for the SAP consultants responsible for the ABAP portion of the component
- Lowered TCO of the thick-client desktop deployment via a JNLP (WebStart) solution
- Collaborated with off-shore development partner to bring Swing GUI in line with modern Java standards
- Initiated and championed migration of server-side programs from a command-line, disjoint process architecture to one leveraging managed components housed in an application server
- Collaborated with CTO to define a new architecture to support their growing data processing and new service development needs; led data and business process integration efforts with 3rd parties via web services
- Championed migration from Java 1.4 VM to Java5, also from 32-bit to 64-bitplatform
- Initiated and drove to completion migration away from StarTeam SCM and into Subversion+Trac, saving the organization thousands of dollars in licensing and support costs and facilitating new levels of agility in their engineering processes; constructed a StarTeam to CVS repository migration program, then leveraged existing CVS migration tools into Subversion
- Introduced Wiki concept into company culture, increasing communication and information ownership; promoted WebDAV repositories of files in contrast to command-line FTP processes
- Introduced Maven2 as build system for new projects
- Migrated existing HTML-based sales brochures to print-ready XSL-FO; created a web-app to generate marketing collateral on-demand using JSR-170 (Java Content Repository) API to retrieve latest files from SCM; implemented a JSR-17 provider for StarTeam

TECHNOLOGIES

Java (J2SE, J2EE, Java5) Microsoft .NET Agile; EJB 2.x & 3.0 JMS; MDB JBoss; Jetty; Tomcat
RUP; UML 2.0 JUnit; Test-driven development(TDD) WebLogic WebSphere; WebSphere MQ Ant; Maven;
BPEL4WS; SOAP; WSDL XML; XML Schema; Maven2 Oracle; PostgreSQL; SQL Server
XPath; XQuery; XSL ClearCase; CVS; StarTeam; almost every language you've heard of
Subversion GNU/Linux; Solaris; Windows Server

EDUCATION

M.S. Computer Science, (expected graduation 2012)
Drexel University, Philadelphia, PA

B.S. Computer Science, 1999
Georgia Institute of Technology, Atlanta, GA