

**DAVID W. THURMAN**  
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## **SOFTWARE DEVELOPMENT**

### **Business Process Analysis . . . Systems Development and Design**

Accomplished, hands-on senior Information Technology professional with extensive track record of developing and implementing effective technology solutions, improving business processes and reducing costs with banking and government contracting companies. In-depth technical knowledge and database experience. Passionate about writing code. Innovative, analytical and outstanding problem solving skills. Proven expertise in both technical and financial domains. Customer focused and highly responsive to both internal and external clients. Strong organizational and communication skills with proven successes interacting with all levels in an organization. Expertise includes:

- Web Design using Java, Javascript and JSP
- Database design, stored procedures and triggers using Sybase and MS SQL Server
- SDLC, QA and Unit Testing procedures
- JBoss and Tomcat Server
- ETL Analysis, Design and Development

## **PROFESSIONAL EXPERIENCE**

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT(Contract) Washington, DC 2013-

At HUD, Development Coordination Group (DCG) of the Real Estate Assessment Center (REAC) works with all REAC system development teams to provide support in the development, testing, production environments, and release management. Provided ETL support to REAC system development teams using Oracle 11, Sybase, XML, VBS.

- Monitor Nightly Batch Processing for loading Oracle Data Warehouse
- Modify/Create New functions and stored procedures for Oracle Data Warehouse
- Research and recommend solutions for Nightly Batch Process failures
- Support deployment activities in development and testing environments

DOMINION TECHNOLOGY SOLUTIONS, Vienna, VA 2011-2012

### **Senior Software Engineer**

Deploy, configure and develop software systems and components including Liferay, Liferay Social Office, Joomla content management system (CMS) and CiviCRM for 15 person government consulting company.

- Assisted in various upgrades to Joomla content management system
- Maintained internal social office site for DTS using Liferay and Liferay Social Office

NATIONAL CONSUMER COOPERATIVE BANK, Washington, DC 1993-2011

**ETL Developer** 2009- 2011

**Java Developer** 2005 –2011

**EA Server Developer** 2001- 2004

**Power Builder Developer** 1996-2001

**Programmer/ Analyst** 1993-1996

Designed and maintained business applications for a privately held financial services company with over \$2 billion in assets supporting all aspects of loan origination, securitization and servicing. Supported 300+ employees over multiple sites.

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- Assisted in database platform conversion from Sybase to MS SQL saving \$100K in licensing costs.
- Designed and implemented ETL staging process to copy data from source systems to MS SQL database resulting in 100% reduction in connection errors and 40% reduction in daily processing time.
- Significantly increased bank profitability by automating system for collection, submission and securitization of loan origination data for Fannie Mae, Wells Fargo and other major investors.
- Created automated system for loan covenant compliance tracking resulting in greater efficiency for Asset Managers and 40% reduction in man hours.
- Designed and implemented modules for submission of annual financial statements, property insurance and monthly investor reporting to ensure investor compliance. Created user guides for and trained in house staff on internal applications.
- Led successful conversion of loan accounting package from legacy system (Systematics) to new system (McCracken) by working with the vendor and six stakeholder user groups.
- Provided business subject matter expertise by designing and developing the database structure for the Stockholder and Fee Tracking system using Erwin.
- Improved accuracy and expedited the processing of loan closings by designing and implementing the company's first secure extranet website. Site was used by both external customers and in-house loan processing personnel to access critical and time-sensitive loan closing information.
- Streamlined business processes and eliminated 100% of data entry errors into the General Ledger and Accounts Payable systems by designing, developing and implementing the company's first fully integrated Stockholder system and Fee Tracking system.
- Created lockbox processing system to automate overnight processing of daily payments from PNC Bank.

- Successfully maintained average resolution time of less than 48 hours for help desk (problem report) tickets and 90 days for completion of enhancements and new project requests.
- Migrated internal applications from Client Server platform to Java web based applications using Java, JavaScript and JSP resulting in improved application performance and platform stability through use of connection objects, Java best practices and Java services for scheduled task processing.
- Migrated java applications from Sybase EA Server to Red Hat JBoss platform. Continued to provide operational support for legacy applications. .
- Enhanced and improved existing processes during Java conversion project by leveraging reuse and object oriented design.

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- Increased code reliability by using version control, code review process and conforming to internal standards.

### **CERTIFICATIONS/PROFESSIONAL DEVELOPMENT**

Learning Tree International, Certificates of Accomplishment

Building XML Web Services using Java – 2011  
 SQL Server Transact-SQL Programming - 2010  
 Relational Database Design - 2009  
 Developing Java Web Applications - 2008  
 JavaScript for Web Development - 2008  
 Cascading Style Sheets for Web Pages - 2007  
 Java Programming Comprehensive Introduction - 2007  
 SQL Programming Language Introduction - 2006