

Ethan Vanderbur

FULL STACK JAVA DEVELOPER ([HTTPS://ETHAN5191.GITHUB.IO/](https://ethan5191.github.io/))

Columbus, IN | 812-701-6110 | ethan5191@hotmail.com

Objective

Seeking a remote or hybrid Java/Spring/SQL developer position with a focus on delivering accurate and efficient solutions through careful attention to detail.

Experience

Technical Solutions Organization (TSO) | June 2015 - Present

- Streamlined the USMC travel claim submission process by implementing a SOAP-based web service, cutting processing time from weeks to hours. This resulted in the successful processing of an average of 2,300 claims annually, leading to quantifiable savings in administrative fees and wages for the USMC.
- Contributed significantly to the MROWS system's data migration from SABRS to DAI, developing new database tables, automated data population processes, and XML interfaces for data exchange with DAI.
- Automated the order funding reconciliation process by developing a JAX-WS-based SOAP web service from a given WSDL, ensuring adherence to best practices. This system seamlessly received data from a sister system, processed it within MCPDT, and transmitted updates to DAI, leading to significant efficiency gains and cost savings for the USMC.
- Designed and implemented a new MROWS process to automate the generation of separation requests, extracting data from personnel records to calculate leave balances, projected departure dates, and appropriate travel methods, ensuring accurate pay processing upon separation from a PCS tour.
- Resolved the inefficiency of the MROWS permissions system by collaborating on a database-driven architecture, replacing the static, file-based system. This allowed for permission updates using simple database scripts, eliminating the need for code releases and reducing update times from hours or days to minutes.
- Spearheaded the upgrade from Struts 1.1 to Spring 5, delivering a 10% performance improvement and significantly enhancing application security. The migration also resulted in a more organized and standardized codebase, leading to improved maintainability and scalability.
- Enhanced the application's user interface by migrating from JSPs with list factories to dynamic jQuery DataTables inboxes, optimizing performance through the implementation of DataTables' built-in sort, search, and export functions, resulting in a more responsive and faster user interface.
- Addressed reporting inefficiencies by leading the migration of MROWS reports from iReport to JasperSoft Studio, reducing report generation time by 50% for most reports and enabling the development team to standardize report designs for improved consistency.
- Collaborated with an organizational engineer to successfully migrate four applications maintained by our team from Tortoise SVN to BitBucket/GitLab.
- Mentored junior developers in Java, Spring, and SQL, providing guidance on best practices, code reviews, and career development.

Education

Indiana University Southeast 2009-2014

Bachelor's of Science in Informatics | Minor: Business

Technical Skills

- Programming languages: Java, JavaScript, Oracle SQL, HTML, CSS, JSPs
- Frameworks: Spring 5, Struts 1, jQuery
- Databases: Oracle
- Application Servers: WebLogic
- Tools: IntelliJ, PL/SQL, Git, Tortoise SVN, Soap, Fortify, BitBucket, GitLab, Jaspersoft Studios, Jenkins, JIRA, Confluence.

Soft Skills

- Detail-oriented
- Communication (written and verbal)
- Leadership/Mentorship
- Collaboration
- Time management