Sean Kelleher

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Projects

Finishline - Architect

Lead a design review effort aimed at arriving at the best possible approach to converting the existing commerce web application to a multisite application and rolling out an additional site.

- Lead workshops with key business and IT stakeholders in order to understand the current approach and status of the in-flight project

- Put together a POC to prove out the optimal configuration for the Endeca search integration within the commerce web application, particularly as it concerned the indexing and routing components within a multisite environment

- Put together a POC to prove out configurations that would reduce the number of indexed SKUs and, in turn, reduce search indexing times from over 45 minutes to under 15 minutes

- Reviewed the proposed hardware configuration and system architecture and provided feedback, particularly as it concerned the routing and throttling of internet traffic to ensure the two sites did not impact one another during peak times

- Conducted a sizing exercise aimed at estimating the required additional hardware given the increased traffic projections for the additional site

- Reviewed the proposed pricing strategies for the two sites, reviewed the relevant configurations and provided feedback

ATG Commerce 11.x on WebLogic with BCC and Endeca, Multisite

Army & Air Force Exchange Service - Architect

Lead the effort to execute the second phase of the NextGen initiative, which included a number of large functional enhancements (buy online, pick in-store, value-added services, a redesigned and rebuilt uniform builder feature, etc.) as well as a new responsive user interface that included an updated, modern look and feel for the application.

- Lead workshops with key business and IT stakeholders over a four week discovery period aimed at refining the requirements gathered during phase one that were to be included in scope for phase two

- Disseminated information to the various track leads, identified roles and responsibilities among team members, identified inter-track dependencies, and collaborated with the various team members to ensure the separate tracks would converge into a successful project

- Put together designs for and coded a number of functional enhancements, which included a redesigned and rebuilt product details page (PDP) that enabled grey-out functionality for out-of-stock pickers/swatches as well as BOPIS functionality

- Oversaw the construction of the new responsive user interface and managed the team of offshore resources that was responsible for integrating it into the dynamic JSPs of the application

- Assisted with all rounds of testing and remediation efforts and supported the launch of the updated commerce web application

ATG Commerce 11.x on WebLogic with BCC, CSC and Endeca

Army & Air Force Exchange Service - Architect

Lead the effort to execute the first phase of the NextGen initiative, which included a number of functional enhancements, but primarily involved upgrading the application to the latest version of the product and refactoring the existing codebase to eliminate unnecessary dependencies on modules from an outdated accelerator application and the Commerce Reference Store (CRS). We also retrofitted the user interface for the desktop site with a responsive user interface so we could remove the existing mobile web application from the EAR and, instead, route all internet traffic to the desktop web application.

- Lead workshops with key business and IT stakeholders over an eight week discovery period aimed at defining and refining all requirements for the commerce web application (past, present and future) in order to ensure the changes made during phase one would not hinder the efforts of phase two or any future development efforts

- Disseminated information to the various track leads, identified roles and responsibilities among team members, identified inter-track dependencies, and collaborated with the various team members to ensure the separate tracks would converge into a successful project

- Put together designs for and coded a number of functional enhancements, which included a means to preview PRODUCTION content ahead of its go-live date on the STAGING instance

- Oversaw the construction of the new responsive user interface and managed the team of offshore resources that was responsible for integrating it into the dynamic JSPs of the application

- Assisted with all rounds of testing and remediation efforts and supported the relaunch of the new commerce web application

ATG Commerce 11.x on WebLogic with BCC, CSC and Endeca

Army & Air Force Exchange Service - Technical Lead

Lead the effort to establish a robust, repeatable processes around performance testing aimed at optimizing and stabilizing the recently migrated commerce web application for the 2016 holiday season. Also lead the effort to clarify requirements for, design and develop a number of functional enhancements for the commerce web application.

- Designed realistic test scenarios given the available web analytics data and worked with the performance testing partner to build and test the scripts

- Coordinated and lead workshops with key IT stakeholders aimed at putting together a test execution runbook that identified key resources and dependencies and would ensure actionable results from performance tests

- Provided guidance as to how to establish the best possible performance testing environment

- Assisted with the execution of and remediation efforts following multiple rounds of performance tests

- Lead workshops with key business stakeholders aimed at clarifying requirements for a number of functional enhancements for the commerce web application

- Put together designs for and coded a number of functional enhancements, which included a new purchase-with-purchase feature

ATG Commerce 10.x on JBoss with BCC, CSC and Endeca

Kohl's - Technical Lead

Lead a holiday-readiness engagement aimed at stabilizing and optimizing the commerce web application for the 2015 holiday season. Also provided architectural support to provide some guidance around how to best pursue an effort to convert all the repository caches to external caches using Coherence.

- Lead workshops with key IT stakeholders in order to understand the current approach and gaps with respect to performance testing

- Reviewed the performance test scripts and compared them against the available web analytics data

- Audited the performance testing environment's configuration and compared it to PRODUCTION

- Reviewed the process around performance test execution and provided feedback

- Compiled and delivered a comprehensive review of my findings and detailed plan to close the gaps that were found during the audit

- Coordinated the effort with IT resources to execute the plan to close the gaps found during the performance testing audit

- Put together a POC to prove out recommended configurations necessary to convert all repository caches to external caches using Coherence

ATG Commerce 11.x on WebLogic with BCC, CSC and Endeca

Teleflora - Technical Lead

Conducted a thorough design and code review of the in-flight implementation of a new commerce web application, particularly as it concerned their approach to having potentially thousands of sites running in a single application where each site had the ability to override site settings and catalog properties.

- Attended workshops with key IT stakeholders aimed at understanding the functional and technical requirements for the application

- Reviewed the code, configurations and available documentation around critical application components

- Generated a CQ360 report

- Compiled a report and delivered my finding to key business and IT stakeholders

ATG Commerce 10.x with BCC and Endeca, Multisite

H-E-B - Architect

Lead the effort to design and build a new commerce web application that would match the existing commerce web application in all its features and functionality, but eliminate unnecessary dependencies on an out-dated and troublesome accelerator application, which was itself directly dependent on CRS. This project was ultimately cancelled before construction began.

- Lead workshops with key business and IT stakeholders aimed at understanding all the current features and functionalities of the existing commerce web application

- Put together a plan to rebuild the application from the ground up

- Identified roles and responsibilities among team members, identified inter-track dependencies, and collaborated with the various team members to ensure the separate tracks would converge into a successful project

- Began designing and building the revised repository structure and associated database tables

ATG Commerce 11.x with BCC and Endeca

Eaton - Technical Lead

Provided technical guidance and product expertise during the planning phases of their new B2B commerce web application.

- Participated in workshops with key business and IT stakeholders in order to understand the functional and technical requirements for the application

- Lead design sessions with the IT partners aimed at identifying the best approach to satisfying the requirements

- Reviewed the available system architecture diagrams and technical design documents and provided feedback

ATG Commerce 11.x with BCC and Endeca, B2B

Eddie Bauer - Architect

Lead the effort to upgrade the commerce web application to the latest version of the product and execute performance testing and holiday-readiness activities aimed at stabilizing and optimizing the application for the 2014 holiday season.

- Lead workshops with key IT stakeholders in order to understand the features and functionality of the application as well as the known symptoms of the performance and stability issues

- Put together a plan to execute the upgrade and complete performance testing within a very aggressive timeline

- Identified roles and responsibilities among team members, identified inter-track dependencies, and collaborated with the various team members to ensure the separate tracks would converge into a successful project

- Oversaw the execution of the upgrade and refactored some of the code that was causing the performance and stability issues, which ultimately reduced the size of the search response objects by over 50%, reduced the number of order transactions against the database by over 40%, and alleviated the symptom of locking inventory records in the database during an external API call

- Recommended the addition of a dedicated load balancer between the commerce web application and search engines to free up bandwidth in the main load balancer so the network could better handle incoming internet traffic

- Designed realistic performance test scenarios given the available web analytics data and worked with the performance testing partner to build and test the scripts

- Coordinated and lead workshops with key IT stakeholders aimed at putting together a performance test execution runbook that identified key resources and dependencies and would ensure actionable results from performance tests

- Assisted with the execution of and remediation efforts following multiple rounds of performance tests

ATG Commerce 10.x on JBoss with BCC, CSC and Endeca

Peapod - Technical Lead

Provided technical guidance and product expertise during the planning phases of their new commerce web application, which aimed to match the existing commerce web application in all its features and functionality.

- Lead workshops with key business and IT stakeholders in order to understand all of the functional capabilities of the existing commerce web application

- Compiled and delivered findings and feedback as to how to best implement their target features

ATG Commerce 10.x with BCC, CSC and Endeca

Nutrisystem

Technical lead in troubleshooting performance and stability issues with the commerce web application. Analyzed commerce-critical areas of the application and provided technical recommendations that would help optimize and stabilize the application. Recommended changes to the performance testing process that would help identify and address performance-related issues more reliably and earlier in the application development process.

ATG Commerce 10.x with BCC, CSC

Restoration Hardware

Technical lead in troubleshooting performance and stability issues with the BCC application. Analyzed the business' use of the tool and recommended technical changes to the application to help optimize and stabilize its performance. Assisted with the application and validation of support-provided patches.

ATG Commerce 10.x with BCC

Nutrisystem

Technical lead in the execution of a formal code review of the commerce web application. Analyzed commerce-critical areas of the codebase, executed a CQ360 analysis and compiled and delivered the results to key IT stakeholders. Provided technical recommendations that would improve the application's adherence to best-practice.

ATG Commerce 10.x with BCC, CSC

Walgreens

Technical lead in troubleshooting and resolving technical issues that arose within the BCC and CSC applications following an upgrade to Oracle Commerce (ATG) 10.x. Assisted with the performance testing and holiday-readiness activities leading up to the 2013 holiday season. Supported the cutover of the upgraded version of the commerce web application which targeted and achieved zero downtime.

ATG Commerce 10.x on JBoss with BCC, CSC and Endeca

American Eagle Outfitters

Technical lead in understanding the business requirements with respect to the pricing and promotional campaigns for the 2013 holiday season. Provided product expertise to clarify product capabilities in these areas and developed and delivered documentation with respect to how to execute the required promotional campaigns. Also provided technical recommendations with respect to changes to the commerce web application that would enable additional required promotional capabilities for future campaigns.

ATG Commerce 10.x with BCC

Ulta

Technical lead in assisting the web merchandisers in understanding how new functional enhancements to the commerce web application, particularly the new user interface and implicit promotional areas of the site, would impact web merchandising processes. Designed and documented optimal merchandising workflows through the management tool (BCC) and provided technical recommendations in the way of modifications to the application to further streamline merchandising processes.

ATG Commerce 10.x with BCC

Kohl's

Technical lead in the design and implementation of functional enhancements to the Commerce Service Center (CSC) application, which included augmenting the out-of-the-box capabilities of the platform with respect to order appeasements. Also assisted with the facilitation of the user acceptance testing of the main commerce web application leading up to launch.

ATG Commerce 10.x on WebLogic with BCC, CSC and Endeca

Kohl's

Technical lead in reviewing the design of the new commerce web application aimed at helping the web merchandisers develop their merchandising processes given the commerce functionality that was going be delivered as part of the construction effort. Developed

merchandising process flows and associated training materials, facilitated train-the-trainer workshops aimed at training the super users, and oversaw the training sessions that trained over one hundred web merchandisers.

ATG Commerce 10.x on WebLogic with BCC, CSC and Endeca

Leapfrog

Technical lead in the design and implementation of functional enhancements to the ATG commerce web application, including the integration of a third-party fraud management solution (Kount).

ATG Commerce 9.x on JBoss with BCC, CSC and ATG Search

Payless

Technical lead in the design, implementation and testing of JMeter performance test scripts. Executed multiple rounds of performance tests and provided key analysis and recommendations aimed at optimizing the performance and stability of the ATG commerce web application leading up to launch.

ATG Commerce 9.x on JBoss

Build-a-bear Workshop

Technical lead in the design, implementation and testing of JMeter performance test scripts. Executed multiple rounds of performance tests and provided key analysis and recommendations aimed at optimizing the performance and stability of the ATG commerce web application leading up to launch.

ATG Commerce 9.x on JBoss

Burpee

Technical lead in the design, implementation and testing of JMeter performance test scripts. Executed multiple rounds of performance tests and provided key analysis and recommendations aimed at optimizing the performance and stability of the ATG commerce web application leading up to launch.

ATG Commerce 9.x on JBoss

Sperry

Technical lead in the design, implementation and testing of JMeter performance test scripts. Executed multiple rounds of performance tests and provided key analysis and recommendations aimed at optimizing the performance and stability of the ATG commerce web application leading up to launch.

ATG Commerce 9.x on JBoss

Mead

Technical lead in the design, implementation and testing of JMeter performance test scripts. Executed multiple rounds of performance tests and provided key analysis and recommendations aimed at optimizing the performance and stability of the ATG commerce web application leading up to launch.

ATG Commerce 9.x on JBoss

Sporting Life

Technical lead in the design and implementation of functional enhancements to the ATG commerce web application. Integrated the ATG recommendations solution and redesigned/rebuilt the product details page template.

ATG Commerce 9.x on JBoss with BCC, ATG Search

LTD Commodities

Technical lead in the design, implementation and testing of JMeter performance test scripts. Executed multiple rounds of performance tests and provided key analysis and recommendations aimed at optimizing the performance and stability of the ATG commerce web application leading up to launch. Assisted the implementation partner with rolling out and validating the commerce-critical application configurations to the PRODUCTION environment as well as all lower-level environments.

ATG Commerce 9.x on JBoss with BCC, ATG Search

Mills Fleet Farm

Technical lead in the design and implementation of functional enhancements to the ATG commerce web application, including a fundamentally redesigned primary navigation/menu for the commerce storefront.

ATG Commerce 2007.x on JBoss with BCC, ATG Search

National Geographic Society

Technical lead in the design and implementation of functional enhancements to the ATG commerce web application, including the integration of a third-party web analytics solution (Omniture).

ATG 2007.x on JBoss with BCC, ATG Search

L.L. Bean

Technical lead in the design and implementation of functional enhancements to the B2B ATG commerce web application, including a fundamentally redesigned homepage carousel for promotional callouts. Assisted with the effort to close out commerce-critical defects leading up to launch.

ATG Commerce 2006.5 with BCC, B2B