Philip Lipman

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http://pdlipman.github.io

- Full Stack Web Application Development
- Java, Javascript
- React, Spring, MySql

Work Experience

Java/UI Developer - Dealer.com, June 2014 - present

- Developed a Spring Boot REST service to monitor multiple inventory databases, including MySql and Solr.
- Developed a React application to present the inventory data. The application used AJAX to call the Spring Boot REST service, which returned a JSON object to provide content for the components. Reusable components were created for the inventory data sources and inventory items to keep the code base concise and maintainable.
- Developed a recommended inventory module for the user facing content management system (CMS) using MVC pattern. A weighted query was created in the Java layer based on user browsing patterns. A database (Apache Solr) was queried, and the results were presented to the user using JavaScript and Bootstrap Sass.
- Developed an Apache Camel batch service to retrieve and process payment and leasing financial data across all car dealership inventory, allowing customers to estimate accurate payments and pre-qualify for vehicle financing.
- Coordinated with project managers and technical leads to design and implement a customizable tabbed slideshow module using JavaScript, Java and XML.

Software Developer - Rainworx Software, September 2006 - June 2014

- Developed AuctionWorx and rwAuction Pro online auction software as part of a three person team using the Microsoft .NET stack (C#, Razor, MS Sql Server).
- Worked with clients to create technical specifications, cost analysis, and time estimates in order to accomplish technical and design goals.
- Designed and implemented buyers premium, flat, and consignment fee calculation and invoicing systems to help clients track and charge buyers and sellers on their auction sites.
- Designed and implemented item watch notification system to help buyers track bids and time left, updating the buyer dashboard and optionally sending email notifications.
- Designed and implemented real time pricing system using a messaging server to push updates to subscribers, reducing traffic on our network.

Education

Bachelor of Science (B.S.), Software Engineering

Vermont Technical College - Randolph, VT