

Bill Kremer

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Skills

| | | | | |
|-----------|------------|-------------|-------------|---------------------|
| PHP | JavaScript | MySQL | Grunt | Heroku |
| Composer | Vue.js | PostgreSQL | Gulp | Amazon Web Services |
| Laravel | AngularJS | MongoDB | Git | Project Scoping |
| Yii2 | jQuery | D3.js | GitHub | Toyota Production |
| PHPMailer | npm | Buefy | Bitbucket | System / Lean |
| HTML5 | Express | Bootstrap | Homestead / | Manufacturing |
| CSS3 | Node.js | Sass / SCSS | VirtualBox | |

Software Engineering Experience

Full Stack Application Developer 2017 - 2018

Techtrav Inc.

Added features, debugged, maintained, and wrote documentation for multiple travel-related applications.

Created reporting features to improve management of the individual travel programs and to improve upper management data tracking, including adding API endpoints for client process integration. Added an interface for sending formatted emails, greatly improving the ability to clearly inform travelers of key information and changes to their itineraries.

Updated mass data input interface to improve accuracy and ensure conforming data, and added the ability to duplicate group PNRs, saving data entry time and eliminating errors associated with manual duplication.

Established internal and external documentation and process details for handling common application issues quickly and completely, as well as to inform users of application abilities.

Guided third-party rewrite for an enrollment process to ensure the application meets customer's needs.

Rewrite of more than 10-year-old PHP ticket booking engine front-end using Laravel and Vue.js

Technology: PHP, Composer, Laravel, Laravel Homestead / VirtualBox, Vue.js, Yii2, AngularJS, jQuery, JavaScript, Bootstrap, Buefy, MySQL, HTML, CSS/SCSS, GIMP

Software Engineer Contractor 2017 - 2018

Developed front-end logic and interface for a simulation training tool that allows users to change 24 various parameters for tunnel tie-backs to understand the results of the changes to help prevent tunnel collapse.

This simple tool saves time and money by allowing users to quickly modify reinforcement parameters, rather than relying on time-intensive, complex, and expensive modeling to find similar results.

Technology: JavaScript, D3.js, HTML5, CSS3

Full Stack Software Development Student 2016 - 2017

Prime Digital Academy

Created a baby book application which allows parents to maintain and update a log of baby's recent achievements and photos, and send a simple email sharing those achievements and photos. Saves time for busy parents who don't have time to maintain a traditional baby book.

Also collaborated on a report-generating web application which allows Angel Foundation staff to eliminate waiting for the database administrator (who is often off-site) to obtain the information they need to complete grant applications and reports for their customers. Data visualizations help to create dramatic presentations for fundraising.

Technology: PostgreSQL, Express, AngularJS, Node.js, Nodemailer, Amazon Web Services S3, D3.js, Bootstrap, Alertify, Heroku

Bill Kremer - continued

Senior Safety Engineer

2011 - 2016

Donaldson Company

Created one-stop-shop websites for corporate safety programs including computer-based training programs, regulatory tracking, recordkeeping, and notifications.

Technology: MS SharePoint, HTML

Safety Engineering Experience

Hands-on safety professional, responsible for developing and leading implementation of health and safety strategies at company production sites. Primary point-of-contact for safety-related issues companywide.

Partner with executive-level management to front-line production employees ensuring complete and effective implementation of safety best practices and company goals.

Taught site management teams to identify risks, develop action plans and preventative actions, and implement quality solutions, not workarounds, saving time and money.

Performed hundreds of safety program training sessions, including verification of understanding to ensure a highly capable workforce that understands why. Developed new and relevant training materials including hands-on and cooperative learning assignments.

Skills

Computer-Based Learning Development
Training Programs Content Creation
Training for Employees and Management
MS SharePoint Data Management
Safety Management Systems

Toyota Production System / Lean Manufacturing
Occupational Hazard Auditing
Routine Communication with Site Contacts
Regulatory Knowledge and Understanding

Key Projects

Created SharePoint libraries and input forms to store and manage data from routine air contaminant and noise sampling to validate legal compliance with local, regional and national regulatory limits.

On-site safety and health representative for a site modernization project, implementing company strategies, training employees, and addressing hazards during a substantial renovation of over half of the plant.

Established a formal Fleet Safety program for more than 400 company truck drivers using input and feedback from a diverse group of fleet management, dispatchers and drivers.

Positions

Senior Safety Engineer; Donaldson Company, Inc. 2011 - 2016

Occupational Safety & Health Consultant; Milk Specialties Global 2010 - 2011

Corporate Safety Program Manager; Nash Finch Co. [now SpartanNash] 2008 - 2010

Industrial Hygiene Engineer / Health Investigator; MN Department of Labor and Industry -
Occupational Safety and Health Administration 2000 - 2008

Education

Full-Stack Software Engineering
Certification, 2017

Prime Digital Academy

B.S. Chemical Engineering, 1999

Michigan Technological University

Community Involvement

JavaScript MN - Meetup Group - Member

Angular MN - Meetup Group - Member

American Society of Safety Engineers - Northwest
Chapter - Member