

# Bill Kremer

bill.kremer.csp@gmail.com  
github.com/billkremer  
651-303-7713

## Skills

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MEAN Stack:	JavaScript	GitHub	Nodemailer
MongoDB	PostgreSQL	Heroku	Amazon Web Service S3
Express	jQuery	HTML5	Project Scoping
AngularJS	npm	CSS3	Toyota Production System
Node.js	Git	Bootstrap	/ Lean Manufacturing

## Experience

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**Full Stack Software Development Student**  
**Prime Digital Academy**

November 2016 - Present

### Solo Project: Baba Baby Boom

<https://baba-baby-boom.herokuapp.com/>

Busy parents often have very little time to think about maintaining a baby book and sending updates to grandparents.

Baba Baby Boom allows parents to maintain and update a log of baby's achievements and recent photos, and sends a simple email to the parent's contact list sharing those recent achievements and photos.

Technology: PostgreSQL, Express, Angular, Node.js, Nodemailer, Amazon Web Services S3, Bootstrap, Heroku

### Group Project: Angel H.A.R.P. - Highly Accessible Reporting Program

Gathering statistical data for grant applications and reports currently requires Angel Foundation staff to wait until the database administrator is able to retrieve the information.

H.A.R.P is a report-generating web application that allows Angel Foundation staff to quickly and easily obtain the information they need to complete the work for their customers.

H.A.R.P. also allows the staff to save their frequently used data searches for use later. Data visualizations such as charts and graphs help create dramatic presentations.

Technology: PostgreSQL, Express, AngularJS, Node.js, D3, Bootstrap, Alertify, Heroku

### Senior Safety Engineer

July 2011 – November 2016

#### Donaldson Company, Incorporated

Communicated daily with site safety coordinators and program managers, and was the primary safety point-of-contact for all USA manufacturing locations.

Supported sites in establishment of occupational health and safety management systems and was the technical expert resource for the two USA sites achieving OHSAS 18001 Certification.

Performed Occupational Health and Safety compliance auditing for multiple USA and Global locations, including China, South Africa and Australia, using local and national regulations.

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

Developed computer-based training modules, procedures and recordkeeping documents using SharePoint.

Integrated health and safety into production processes using Toyota Production System methods / LEAN manufacturing techniques.

## Bill Kremer - Experience, continued

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### **Occupational Safety & Health Consultant**

May 2010 - May 2011

#### **Milk Specialties Global**

Audited manufacturing areas, current procedures, and employee practices to identify hazards, then worked with site management to prioritize and eliminate or reduce those hazards in the client's workplaces.

Worked with floor employees, site management, and onsite contractors to create site-specific safety procedures for nearly every machine in the plant, including Lockout and Confined Space Entry.

Trained employees and management how to protect themselves against the workplace hazards present using the employer's safety policies.

### **Corporate Safety Program Manager**

May 2008 - February 2010

#### **Nash Finch Company**

Collaborated with a diverse group of fleet management, dispatchers and drivers to create a Fleet Safety program for more than 400 company truck drivers.

Created training materials and tools to effectively train employees and supervisors in both distribution warehouses and retail stores, including Powered Industrial Truck Training, Incident Investigation, Safe Lifting, Protective Footwear, and Ergonomic Best Practices.

Audited work areas, current procedures, and employee practices to identify hazards, then worked with site management to prioritize and create plans and deadlines to eliminate or reduce those hazards.

### **Industrial Hygiene Engineer / Health Investigator**

June 2000 - May 2008

#### **MN Occupational Safety and Health Administration - Department of Labor and Industry**

Conducted over 270 complaint, programmed, and accident investigations, including Process Safety Management (PSM) assessments and industrial hygiene evaluations in numerous work environments, such as metal fabrication, plastic injection molding, food processing, concrete manufacturing, woodworking facilities and construction sites.

Wrote legally defensible reports for each investigation including citations and participated in their defense during settlement conferences.

Member of the PSM Team, reviewing compliance direction for highly hazardous chemicals, assisting other investigators with complex cases, and assisting employers on PSM compliance.

Routine communication with stakeholders by email, letter and telephone regarding regulatory questions and industrial hygiene issues.

## Education

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Full-Stack Software Engineering Certification, March 2017

#### **Prime Digital Academy**

B.S. Chemical Engineering, May 1999

#### **Michigan Technological University**

## Community Involvement

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JavaScript MN - Meetup Group Member

AngularMN - Meetup Group Member

American Society of Safety Engineers - Northwest Chapter - Member