Matthew Kolbach

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LinkedIn: http://www.linkedin.com/in/matthew-kolbach
Github: https://github.com/MattKolbach
Portfolio: https://mattkolbach.github.io/mattkportfolio/

TECHNICAL SKILLS

HTML/ CSS, JavaScript, SQL, GitHub, MySql, MongoDB, NoSQL, Express, Node, Handlebars, OOP, TDD, Bootstrap, Responsive Design, AJAX, Agile/Scrum, PWA's, React

Projects

My Outdoor Space
- https://github.com/MattKolbach/my-outdoor-space
- Summary: Forum site for outdoor enthusiasts to meet and converse about outdoor topics.
- Role: Front End, initial component layouts, Project Management
- Tools: Mongodb / Mongoose, Expressjs, Reactjs, Nodejs, JWT, Graphql, Bootstrap5, Bcrypt, Concurrently, ApolloServer, JavaScript, CSS, HTML

3 Guys Pizza-n-Pies
- https://github.com/MattKolbach/3-guys-pizza-n-pies
- Summary: Ecommerce site that lets the user navigate the menu and build an order after an account has been created.
- Role: Views, Code Integration, overall website layout/ flow
- Tools: JavaScript, HTML5, CSS, Bootstrap, Express, Handlebars, mysql2, sequelize, dotenv, bcrypt, express session, connect session sequelize, loadingbar.js

Dinner Planner
- https://github.com/MattKolbach/DinnerPlanner
- Summary: The Dinner Party Planner is an interactive website allowing users to explore different meals and drinks. Both the meal and drink page allow the user to search for results by ingredient, by name, or by letting the application randomly find the user a drink or meal.
- Role: Built most of the drinks page JavaScript, helped pick api's to use, and helped define website layout.
- Tools: JavaScript, HTML5, Pure CSS, TheCocktailDB API, TheMealDB API

Professional Experience

Aries Industries   October 2019 - Current
Mechanical Design Engineer, EPDM Administrator   Waukesha, WI
- Thoroughly re-worked PDM vault file structure (employee facing) to allow for smooth and quick use of the vault.
- Lead the initiative to implement an ECR process utilizing PDM workflows and the vault to allow for all areas of the company to be able to submit requests for changes and improvements to products.
- Created a comprehensive CAD best practices document to standardize the company's drawing practices reducing chances for errors and speeding up engineering's processes.

Infinite Motion Control   May 2018 - October 2019
Senior Designer, CAD Librarian   Cedarburg, WI

- Created engineering processes including ECN and Redline procedures.
- Collaborated with multiple departments to ensure design manufacturability, efficiency, and that an appropriate combination of cost and quality were achieved.

Taylor Dynamometer   June 2011 - May 2018
Mechanical Designer, CAD Practices Lead   Milwaukee, WI
- Established a CAD best practices document to standardize drawing practices and improve the efficiency of importing bills of materials to MRP software.
- Worked on interdepartmental teams to ensure products met the requirements of all stakeholders.

Education

Certificate in Full Stack Web Development
University of Wisconsin, Extended Campus

Associate of Applied Science Civil Engineering Technology, Surveying, Transportation, Structural, and Municipal Technologies
Milwaukee Area Technical College