

KAYLA ANN KUHLMAN

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SUMMARY

I am a motivated full-stack web developer with a background in analytical chemistry and quality management and recent graduate of the University of Minnesota Coding Bootcamp. With my unique background, I bring a strong problem-solving skill set to the table. I am committed to continuous learning, collaborating, and providing quality code.

TECHNICAL SKILLS

JavaScript/JQuery, HTML, CSS, Responsive Design, JSON/API, AJAX Calls, MongoDB, MySQL, Express, Node.js, React, Git/GitHub, Heroku, Jest (testing), User Authentication, MS Access, MS Excel

PROJECTS

Nuggets (In Progress) • Repo: github.com/lssalssa-lssa/project3

- Dashboard for parents and children to manage chores and keep history of transactions.
- React, Node.js, Express Server, MySQL database, JSON/API, User Authentication
- Contributions: Backend Development, MySQL schema, API Routes, JavaScript (AJAX/API Calls)

Pika-Choose! • Repo: github.com/ZanderMate/teamikea

- Pokémon team builder that allows users to create teams with different Pokémon and view combined stats.
- Node.js, Express Server, MySQL database, Handlebars Template Engine, JSON/API
- Contributions: Frontend development (HTML, JS, CSS), Handlebars, Heroku Deployment, Design

Global Eats • Repo: github.com/kaykuhl/project-1

- Food and drink recipe generator based on user selection of recipe or drink type.
 - HTML, CSS, JavaScript, Responsive Design, AJAX Calls
 - Contributions: Backend development, JavaScript (AJAX/API Calls), Design
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EXPERIENCE

09/2019 to 03/2020 - **Student** at the University of Minnesota Web Development Coding Bootcamp - St. Paul, MN

- Designed and developed 20+ applications using a wide range of current MERN full-stack technologies
- Collaborated on group projects and gained experience using GitHub and resolving merge conflicts

11/2018 to Present - **Analytical Chemist II** at the Minnesota Department of Transportation - Maplewood, MN

- Set-up access databases for lab for temporary use during the transition of the new test result database
- Executed troubleshooting and maintenance on all lab equipment
- Tested a variety of road materials such as cement and paint products following ASTM and AASHTO standards

05/2014 to 11/2018 - **Quality Manager/Chemist** at Dyne Fire Protection Labs - Woodbury, MN

- Managed certified ISO 9001 (and 17025 compliant) quality system
 - Lead the transition of the company to ISO 9001:2015 from ISO 9001:2008
 - Worked with a team in the development and the successful implementation of new testing services
 - Initiated hundreds of SOP revisions including the rewrite of many SOPs to clearer language
 - Utilized tools such as access database queries and excel functions (pivot tables) for internal research
 - Facilitated quarterly management review meetings
 - Communicated results with customers and answered technical questions
 - Tested the chemical and physical properties of fire protection products following NFPA standards
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EDUCATION

09/2019 to 03/2020 - **Full-Stack Coding Bootcamp**

University of Minnesota/Trilogy - St Paul, MN

08/2010 to 05/2014 - **Bachelor of Science in Chemistry**

Winona State University - Winona, MN