

Casey J Murphy

Software Engineer

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Technical Projects

Life Note, [Project Link](#), [Documentation](#), [Video Demo](#)

- Created this web app to help keep track of my chaotic life with a new baby and many interests.
- Developed a robust user authentication system using Passport.js for an increase in user security.
- Back-end built using Node.js and MongoDB to handle user data, and a responsive Bootstrap front-end.
- Hosted on Railway.App to securely handle data storage, development platform, and deployment.

NPI Registry, [Project Link](#)

- A RESTful API taking in user input to search for healthcare providers in the National Provider Identifier records.
- Allows users to be able to find healthcare providers in their local area.
- Frontend was created with React to take in search terms and handle the changes in state based on the results
- Backend was built using Node.js to take in search parameters and make calls to the NPI Registry API.

Small Fry Thai, [Project Link](#)

- Brochure site developed to showcase my abilities to local restaurants who lack their own website.
- Developed for a fiction food truck in the Chippewa Valley, showing using their menu and schedule.
- Used React, HTML5, CSS3, and Bootstrap for a responsive web design.
- Hosted on Netlify to handle requests for catering services.

Employment History

Wisconsin Department of Justice Division of Criminal Investigation Records and Forms Management Specialist

Eau Claire, WI
June 2016 – Present

- Collaborating with multidisciplinary teams to complete multiple projects under strict deadlines.
- Update the DCI web pages using DOJ own web environment and Google Maps.
- Employing ShareFile cloud storage, implemented the release of multiple Officer Involved Critical Incidents on the Wisconsin Department of Justice's Critical Incident [web page](#).
- Identify software and hardware needs of the Public Records Team for the conversion and redaction of various video file formats to increase capabilities and cost down on costs.
- Expert and trainer in the use of Adobe Premiere Pro Ffmpeg, and Input Ace.
- Submitted multiple high value grant applications, with a successful application funding the purchase of cold weather gear to promote workplace safety.
- Presenter at the Dane County & Eau Claire Officer Involved Critical Incident Schools on producing digital records for public release.

Education

Chippewa Valley Technical College Associate's Degree: IT Software Development

December 2021

University of Wisconsin Green Bay, Green Bay, WI Bachelor of Science: Urban and Regional Studies

May 2016

Skills

Languages	JavaScript, HTML5, CSS3, Java, .Net, PHP, Node.js, MongoDB, MySQL
Frameworks	React, jQuery, Bootstrap, Mongoose
Tools and Utilities	Git, NPM, Railway.App, Netlify, Adobe Premiere Pro, Ffmpeg, Input Ace
Methodologies	OOP, MVC, Agile