

# Edmond Woulfe

Web Developer



## SKILLS

**Front End:** HTML5, CSS3, JavaScript, TypeScript, jQuery, React, Redux Toolkit, Sass/Scss, Jest, React Testing Library

**Back End:** MySQL, Node, Express, MongoDB, PHP

**Tools:** GitHub, Git, Gitlab, npm, Figma, Jira, Photoshop

## PROJECTS

### FFXIV Crafting Calculator - [GitHub](#)

- Automated the gathering, formatting, and inserting of recipe data utilizing web scrapping across thousands of table rows and pages
- Implemented pagination, filtering, and sort by options to assist the user in navigating data more easily and efficiently
- Utilized the AbortController interface to avoid extra or unnecessary HTTP requests
- Technologies used: HTML, Sass, ReactJS, Redux Toolkit, TypeScript, Node.js, Express, and MySQL

### BDOPProfit - [GitHub](#) | [Live Website](#)

- Following a module design pattern, the front end was built with HTML, Sass, Bootstrap, JavaScript, and jQuery
- Made asynchronous calls to the MySQL database with AJAX
- Wrote Node.js scripts to automate the process of collecting thousands of item data with a web scrapping tool called Puppeteer

### LoL Champions - [GitHub](#) | [Live Website](#)

- Single Page Application built with React, Sass, Bootstrap, and React-Router
- Game and Champion data retrieved from the official Riot Games API
- Implemented browser storage methods to reduce the number of API calls
- Built AWS API Gateway as a proxy server to enable CORS for fetch requests

### Favorite Movies - [GitHub](#)

- Created API endpoints and object models with Node.js, Express, and MongoDB
- Authentication of user creation and login credentials with JSON Web Tokens
- Safely stored user passwords into database using hashing method

### Daycare App – School Project

- Collaborated with three students, creating an IOS and Android version of the application
- Negotiated with client on desired features and gave scheduled updates on progression
- Worked in an agile environment, using Jira as the ticket system within two-week sprints

## EDUCATION

### Bachelor of Science / Computer Science

University of Wisconsin - Parkside