



# Nathan Cluff

FULL STACK DEVELOPER

## Objective

Passionate, driven web developer eager to join a development team, as a Full Stack Developer. Looking forward to taking advantage of my skills in HTML, CSS, JavaScript & Node.js to help contribute to the success and growth of the company.

## Front End Development

### 1. HTML5 | CSS3 | JavaScript

- a. Each of my projects utilize modern techniques using html5 and css3 such as semantic tags, media queries, and animations.
- b. Each of my projects utilize modern javascript including arrow functions, classes, and modern array methods.
- c. My personal website utilizes JSON and axios requests to the backend to get data from the JSON object..
- d. My Hangman game and simple To Do list named Doable utilize modern JavaScript frameworks to function individually. The first with Vue.js and the latter with React.js respectively.
- e. My zero-based budget named King Richard Budget utilizes axios and the qs npm package to make RESTful API requests to the backend to handle such things as logging in, signing up, resetting passwords, and updating the user's budgets and profiles.

### 2. User Experience & User Interface

- a. Making use of semantic HTML, each project is all about making things much more accessible and easy to use for the user.
- b. Each application and website is given extreme care as to color choices, fonts used, as well as layouts used according to color Psychology and researched visual patterns that users use when viewing websites and applications. Especially in the use of the "F" left to right reading pattern.
- c. Each site has custom made logos, and some custom graphics made in Inkscape, an open sourced software like Illustrator. Some of my sites have custom made typography using the same software and Birdfont as well.

### 3. Git Workflow & Debugging

- a. Each project has been and is being tested and debugged using the Chrome Developer Tools for not only bugs, but performance issues and simply if the layout works for the given size screen.
- b. Each project utilizes much of the git workflow including git status, git add, git push, and even making pull requests to merge the development code to the production code.
- a. Comfortable utilizing the command line to navigate the file system, install, update or uninstall packages. Also, I am very comfortable using the command line to do git operations.

## Contact

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Sandy, Utah



## Education

GED

Homeschool | August 2002 - May 2006

## Back End Development

### 1. Node.js & Express.js

- a. Each of my websites and applications utilize an adaptation of the MVC architecture. Models represent the resources in the database such as users, or budgets in my zero based budget stored in my MongoDB database for it. Or information needed from a JSON object for my personal website or the appointment module I developed for freelancers that I intend to publish for public use sometime soon.
- b. Utilize nodemailer and npm packages to handle emails.

### 2. Testing, Information & Security

- a. Utilizing Playwright, I am getting comfortable with testing both normal front end actions and requests, and getting some work in learning how to test api requests..
- b. As information security is essential, I use JSON Web Tokens and also many different packages to improve the security of the information exchanged with my sites and the clients.

## Personal Projects

### King Richard Budget

- Zero based budget, currently a work in progress, that is aimed to help Latter Day Saints and others not of that faith to manage their respective finances better.

### Hangman

- The classic game of Hangman with the feature of users being able to be creative with their custom words and phrases.

## Skills

### Technical

- |              |                     |                |         |
|--------------|---------------------|----------------|---------|
| - HTML5      | - Node.js           | - Postman      | - Linux |
| - CSS3       | - Express.js        | - Debugging    | - Mac   |
| - Bootstrap  | - Pug.js            | - Git          |         |
| - SCSS       | - Webpack           | - GitHub       |         |
| - Less       | - Parcel            | - Command Line |         |
| - JavaScript | - RESTful API       | - Asana        |         |
| - Vue.js     | - Responsive Design | - ToDoist      |         |
| - React.js   | - Playwright        | - Windows      |         |

### Soft

- Attention To Detail
- Communication
- Quick Learner
- Organized
- Self Starter
- Honest
- Reliable
- Time Management

## Certificates

HTML | CSS

TestDome | Issued November 2021

JavaScript

TestDome | Issued November 2021

Node.js

TestDome | Issued November 2021

## Work Experience

### Data Entry Clerk

METASOURCE | June 2020 - Present | Draper, UT

Worked with great attention to detail to be sure mortgage documents were correctly entered into the system.

### Shopper

SHIPT | August 2019 - January 2020 | South Bend, IN

Collaborated with customers to achieve outstanding user experience with Shipt.

### Selector

NFI INDUSTRIES | November 2018 - October 2019 | South Bend, IN

Organized and audited regional orders of bread to be sure regional areas got the products they ordered.