

# LUKE POIRRIER

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Portfolio: <https://lukecp5.github.io/react-portfolio/>

## SUMMARY

Passionate full stack developer with proven expertise in developing scalable, secure, and responsive web applications by implementing the latest technologies. Energetic team player with a strong work ethic and cooperative attitude.

## TECHNICAL SKILLS

**Languages:** JavaScript, CSS3, HTML5, Python, SQL, GraphQL

**Technologies:** Git, Node, Heroku, MongoDB, MySQL, Unit Testing(Mocha), NoSQL, Apollo Client/Server, npm, Express, React, Handlebars, Bootstrap, MaterialUI

## PROJECTS

### Cache Tag

[Demo](#) | [Repo](#)

Cache Tag is a full-featured hashtag management application that makes it easy for users to find, save, and organize their social media hashtags.

- Role: Designed and implemented the database models, utilized regular expressions and API calls to harvest hashtags from various data sources and developed a method for users to find hashtags based on keyword search.
- Tools: JavaScript, HTML, CSS, Heroku, MySQL, Node, AJAX, Express, JWT, Materialize

### Book Search Engine

[Demo](#) | [Repo](#)

Book Search Engine is a web app that helps users find the books they are looking for quickly. Users can search for books by title, author, or ISBN.

- Role: Handled the design and implementation of the GraphQL server/client and Mongo Atlas database interaction
- Tools: React, MongoDB, Node, Google Books API, GraphQL, Express, JWT, JavaScript

### Check Mate

[Demo](#) | [Repo](#)

Summary: Check Mate allows users to keep track of the wins, losses, and ties of the board games they've played and compare them to their friends.

- Role: Connected the MongoDB backend with an Apollo GraphQL interface and implemented Apollo into the React front end.
- Tools: React, MongoDB, Node, GraphQL, Express, JWT, Apollo Server/Client, Board Game Atlas API, Material UI, HTML, CSS

## EXPERIENCE

### Web Development (Part-time) | Contract Work | Remote

8/2017 - 5/2021

Designed and developed company websites, including drawing wireframes, establishing navigation, writing HTML and JavaScript and optimizing web graphics. Launched web presence for 6 new businesses and revitalized outdated websites for 15+ clients.

#### Underwood Floors & More

- Guided the client in establishing a distinct brand identity while creating their logo.
- Deployed a fully responsive website with an elegant gallery of the 100+ materials being offered and a form that allows customers to request a quote on a specific material.

#### GA Tumble & Cheer

- Migrated static HTML site to a performance-optimized CMS and reduced page load time by over 50% enabling better
- Increased enrollment by 20% over 3 months after integration of a purpose-built CRM to manage online registrations and payments.

**Shift Supervisor | Starbucks | Woodstock, GA****10/2018 - Present**

Maintained daily operations of a high-volume store and coordinated deployment of labor to maximize efficiency during peak business hours.

**Key Accomplishments:**

- Directed a team of up to 10 employees at a time
- Incorporated customer-focused strategies to achieve a 13% growth in customer satisfaction
- Consistently exceeded sales goals and presented weekly sales reports in team meetings

**CAD Drafter | Gilmer Building Components | Ellijay, GA****10/2017 - 10/2018**

Analyzed floor plans and blueprints to draft workable CAD layouts in AutoCAD and other CAD software

**Key Accomplishments:**

- Engineered custom wooden trusses and arranged them to balance cost and stability
- Performed load and stress tests on engineered trusses to ensure efficacy during installation
- Formulated accurate cost estimates based on clients needs and local building codes

**OTHER INTERESTS**

**3D Printing:** Model inventions, project components, and printer upgrades using CAD and print them.

**Graphic Design:** Create SVGs for use with 2D CNC machines.

**Microprocessor:** Set-up a LAMP web server on a Raspberry Pi to use as a web development sandbox

**EDUCATION****Certificate, Full Stack Web Development - Georgia Institute of Technology**

Atlanta, GA