

EMMA PICKARD

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SOFTWARE ENGINEER

Full-Stack software engineer proficient in Javascript for front-end and back-end programming, React, HTML, CSS, API implementing, Node.JS, Express, PostgreSQL, and frameworks like Bootstrap. Experience in operations management reflects high level problem solving skills and decision making based on performance analysis. Committed to writing efficient and functional code to improve end user experiences.

SKILLS & QUALIFICATIONS

HTML | CSS | JavaScript | React | jQuery | Node.js | Express | RESTful APIs | PostgreSQL | Mocha | Chai | Knex
Git | GitHub | Heroku | Node Package Manager | Visual Studio Code | Complex Problem Solving
Cross-functional Team Collaboration | Communication | Analysis | Decision Making

TECHNICAL PROJECT EXPERIENCE

Reservation App | [Capstone Project](#) | React, Node.js, Express, Knex and PostgreSQL.

- Full stack reservation and table management system.
- Implemented react router and express to build a RESTful API in order to make HTTP requests for all of the reservation data stored on the connected PostgreSQL database.

Decoder Ring | [decoder-ring](#) | JavaScript ES6, HTML5, Node.js, Bootstrap, Mocha, Chai

- Built to be an encryption/decryption application to communicate and read top-secret messages.
- Created utilizing the test-driven development method.

Parent Connect | [GitHub](#) | Javascript, React, Node.js, Bootstrap, CSS

- Won Hackathon and awarded, "Best First Time Hacker," issued by ShellHacks
- Collaborated with 2 developers to create a hub for parents to participate in their children's academics.
- Enabled users to submit forms, note important dates, review grades, and connect with teachers.
- Implemented the google translate API, created the Navbar, Homepage, About, and Resources sections.
- Created utilizing the test-driven development method.

Delicious Recipes | [delicious-food-recipes](#) | JavaScript, React, Node.js, Bootstrap, HTML, and CSS

- Assembled functionality to created, read and delete recipes in memory
- Utilized nth-child selectors to set the width of the columns and zebra striping color pattern

Local Library Project | [local-library](#) | React, Express, Knex, JavaScript ES6, Bootstrap, HTML5, Node.js, CSS

- Assembled functionality for an application that allows users to search, review and check out books from their local neighborhood.
- Created search and sorting functions to enable users to know availability and ratings of books.
- Coded using JavaScript functions built to enable the expansion of the library with little to no need for code refactoring.

ADDITIONAL EXPERIENCE

Operations Manager | Beyond the Needle | St. Petersburg | 08/2016 - 06/2022

- Developed new staff work schedules for team members, increasing productivity by 8% and decreasing employee turnover rate by 19%.
- Observed and evaluated day-to-day operations of the practice and authored operating procedures that increased revenue by 20% and patient satisfaction by 40%.

EDUCATION

Bachelor of Science in Computer Science | Southern NH University | Anticipated Graduation 2/27

Full-Stack Engineering Certificate | Thinkful | Remote | 01/22

- Learned industry best practices and software development standards with a focus on Javascript, HTML5, CSS3, React Native, Node.js, PostgreSQL, RESTful APIs, algorithms, and data structures.
- Developed and deployed mobile-first applications while collaborating with senior developers.