# Zack Beckwith

Fullstack Software Engineer

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I'm a full stack software engineer with a focus in Javascript, React, Python, and other programming languages. I excel at solving problems with my team and working together to make high-quality, innovative solutions. I'm looking for a company that emphasizes teamwork and encourages growth by challenging oneself.

## SKILLS

**Languages** - JavaScript, HTML, CSS, Python | **Libraries and Frameworks** - React, Node.js, Express.js
**Database** - PostgreSQL, Sequelize, ORM, MongoDB, Mongoose, ODM | **Other** - RESTful Routing JSON

## SOFTWARE DEVELOPMENT PROJECTS                              Jan 2022 - Present

### FINatics

Technologies used: Python, PostgreSQL, React, Javascript, HTML, CSS, Bootstrap
- Built a Flask/PSQL CRUD app that employs full create, read, update, delete (CRUD) operations successfully satisfying all RESTful API functionality.
- Created an application with a mobile-first approach styled using a mix of CSS and Bootstrap components
- Employed PSQL and the flask web framework to allow fish hobbyists to create an account and share, view, delete, and edit their own aquariums.

### To Be Decided: The App

Technologies used: React, Mongoose, MongoDB, Bootstrap, Javascript, HTML, CSS, APIs
- Collaborated with a group of four members to produce a MERN (MongoDB, Express, React.js, Node.js) full stack application in one week with full create, read, update, delete (CRUD) operations hitting all RESTful API calls.
- Created an application styled using Styled-Components and CSS3 with flexbox layouts.
- Used three separate APIs to allow users to search for board games, movies, and video games, then add them to collections to share, review, and provide a list of each article of media.

### ZooMingle

Technologies used: Node.js, Mongoose, MongoDB, Hammer.js, Animate.css, Bootstrap, Express.js, Javascript, HTML, CSS, APIs
- Manufactured a MEN stack web application that leveraged APIs to ensure a seamless user experience across multiple browsers and platforms.
- Utilized React.js components for the front-end of the application creating an application that organizes client feedback with the use of a responsive design.
- Made RESTful API fetch calls to an Express, MongoDB, Node.js backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using Postman. Used Mongoose to define schemas for MongoDB collections.
- Implemented ES6 tagged template literals with Styled-Components along CSS3 to provide style and a flexbox layout of the application.

### Mancala

Technologies used: Javascript, HTML, CSS, Animate.css, Bootstrap
- Designed a web-based browser game that provided a responsive and fun experience for users, effectively simulating the board game Mancala.
- Utilized a combination of Javascript, HTML, and CSS3 to create efficient front-end code for the application.

## PROFESSIONAL EXPERIENCE

**Veterinary Emergency Group**, Veterinary Nurse | Newton, MA                    **July 2021 - Apr 2022**
**Lexington-Bedford Veterinary Hospital** Veterinary Nurse | Lexington, MA         **Dec 2020 - July 2021**
**Veterinary Emergency Center of Manchester,** Veterinary Nurse | Manchester, NH    **May 2019 - July 2021**
- Spearheaded night shift emergency care by improving communication processes with stakeholders to ensure effective and timely treatment of 100+ patients per shift.
- Successfully created a high level of client satisfaction through exceptional customer care by identifying the needs of the customer and further nurturing those needs, resulting in an increase in product sales.
- Actively trained and mentored new members of staff obtaining excellent customer service skills and practical nursing techniques.

**University of New Hampshire** Resident Assistant | Manchester, NH                 **Sept 2019 - Sept 2020**
- Dutifully acted as a mentor and addressed needs, and for 100+ new students through their transition into college by creating mindful outreach programs with my team that encourage involvement and promote academic excellence while still implementing and enforcing college and campus living policies.

**New Hampshire Veterinary Diagnostic Lab,** Microbiology Assistant | Manchester, NH    **Jan 2019 - Sept 2020**
- Strictly followed lab standards and regulations to maintain a proper sterile environment while maintaining up to 70+ microbiological cultures per day. Followed guidelines for medical diagnoses and examinations, communicating effectively with microbiologists to achieve a proper diagnosis and promptly return the results to veterinary hospitals in the New England region.

## EDUCATION

### GENERAL ASSEMBLY | REMOTE                                                   **Jan 2022 - Apr 2022**

*Software Engineering Immersive*
Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

### University of New Hampshire | Durham, NH                                      **May 2020**

*Associates in Veterinary Technology* GPA: 3.7