JESSICA BARNETT
SOFTWARE DEVELOPER

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PROJECTS

FERMENTSTATION
Front-End Capstone

Fermented beverages such as kombucha have become popular in the past few years as a delicious, healthy alternative to soft drinks. I recently took up the hobby of making them at home. It's fun and a great way to save money, but it also requires a lot of experiementation. I built a tracking app to make the process easier.

- A single-page CRUD app built in React with a flat data structure in JSON server
- React Router-DOM was used to dynamically route users to detail pages for individual batches and conditionally render content based on the type and status of the batch
- Fetch calls to the database were used to store the user's batch information and dynamically populate options for recipe ingredients
- React Moment was used to display relative dates (e.g. "Your batch will be ready to drink in 2 weeks")
- A combination of custom CSS and turretcss framework were used to ensure sizing consistency, responsiveness and accessibility

https://github.com/jessicabarnett8219/FermentStation

REACT NUTSHELL
Front-End Group Project

Nutshell is a social dashboard app that allows a user to save news articles, add events, create a task list and message other users. I collaborated with the group on user authentication and was individually responsible for the task list module.

- Through manipulation of state and fetch calls to JSON server, users were able to add, edit and delete tasks as well as mark them as complete, which changed their status without removing the entry from the database
- React Router was used to display multiple views to the user within a single-page application

https://github.com/The-CM-corp/React--Nutshell

ABOUT

I wrote my first line of code in a web development elective while in school for graphic design. I felt right at home in the world of software development, because just like design, coding is all about solving problems. After finishing the class, I put coding aside for a while and continued on with my plans to be a freelance graphic designer. When I heard about Nashville Software School I saw my opportunity to start this new career, and I went for it. Now I can't imagine anything else I would rather do.

EXPERIENCE

SOFTWARE DEVELOPER
Nashville Software School | 2018-2019

Intensive full-time 6-month software development bootcamp focusing on full stack (Python/Django) development fundamentals and problem solving.

- Utilized Vanilla Javascript and DOM targeting to build a single-page journal application. Leveraged JSON server to store and dynamically display the user's entries. Styled with Materialize CSS framework.
- Built a personal contacts application using highly-modularized Vanilla Javascript code bundled with Browserify.
- Developed a flat data structure using an entity relationship diagram with a group before building the messaging component of a personal dashboard application with JavaScript and jQuery. Utilized Grunt as a task runner for bundling and linting. The current user's messages were displayed with editing capability, and other users' messages were displayed as read-only.
- Created an itinerary builder application with a group. Individually responsible for the restaurant module which collected user input, leveraged JSON Server to ping an external API, displayed search results in the DOM, and saved the user's choices.
- Created a single-page kennel tracker app using React to achieve CRUD functionality and React Router to dynamically route users to various detail pages.

GRAPHIC DESIGNER
Freelance | 2017-2018

Independent designer specializing in branding for small businesses.

- Designed logos, print materials, business cards and web graphics informed by in-depth client surveys and industry research.
- Produced designs using Adobe Photoshop, InDesign and Illustrator, Procreate digital illustration application, and Squarespace.
- Developed brand guides for clients that included all fonts, colors, and logo variations used in creating their cohesive brand
- Coached clients on use of Squarespace for web content management, which allowed them to update their website content without compromising the design

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EDUCATION

NASHVILLE SOFTWARE SCHOOL
Full-Stack Software Development
2018-2019

PARSONS SCHOOL OF DESIGN
Certificate - Graphic Design
2015-2017

UNIVERSITY OF KENTUCKY
BA - Strategic Communications
2008 - 2012

EXPERIENCE CONTINUED

MARKETING COORDINATOR
St. Luke's Community House | 2015

West-Nashville non-profit community center offering child development programs, senior activities and financial assistance to Nashville families.

- Executed promotional strategy, invitation design, ticket processing and event planning for the Bishop's Barbecue fundraiser, which grossed $45,000 in donations and sponsorships.
- Managed the agency's database of 10,000+ donors using DonorPerfect CRM software, processed gifts and distributed individualized donation acknowledgement letters.
- Developed all visual communication for the agency including email marketing using Emma, direct mail pieces and social media graphics using the Adobe Creative Suite, and website design using Wordpress CMS

HEALTH OUTREACH SPECIALIST
United Way of Metropolitan Nashville | 2014

Position was part of a grant from the Healing Trust to increase enrollment in the health insurance marketplace after implementation of the Affordable Care Act.

- Conceptualized and designed a healthcare education booklet which increased the health insurance literacy of newly-insured consumers
- Developed expert-level knowledge on healthcare reform via in-person training and individual learning in order to advise marketing leads on campaign strategy
- Strengthened the program's financial counseling service by providing financial counselors with cost saving guidance for their newly-insured clients

MARKETING COORDINATOR
United Way of Metropolitan Nashville | 2013

Position was part of AmeriCorps VISTA - a national service program designed to alleviate poverty. Worked with United Way's Financial Stability initiative, which provides free financial counseling and tax preparation services.

- Refreshed the branding and website design for the Bank On Music City Program by leveraging input from existing clients and corporate partners.
- Supported marketing leads in copywriting for the 2014 Volunteer Income Tax Assistance marketing campaign, resulting in a 13% increase from the previous year's program participation.
- Revamped the My Money Nashville initiative by creating My Money Guide, a community resource directory, which received positive feedback from community partners.