CALEB CRUM

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Github: https://github.com/CalebCrumInstructor, https://github.com/ccrum292

SUMMARY

Level-headed, easy going, and inquisitive, I'm a Full-Stack Web Developer, Instructor and business owner, who leans toward back-end work, is successful in collaborative team environments and enjoys producing creative long-term solutions. I have proven experience developing web applications using all technologies in SERN and MERN stacks.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Node.js, SQL
Applications: Bootstrap, Bulma, Materialize, Tailwindcss, JQuery, React.js, Next.js, Express.js, Handlebars.js, MySQL, Sequelize, Prisma, Supabase, GraphQL, MongoDB, Mongoose, FaunaDB, SendGrid, Git, GitHub, Heroku, Vercel, D3.js, Visx

PROJECTS

Paperless Fundraisers, LLC (alpha) | Deployed Application
- Part Owner and Managing Member.
- Fundraising Simplified: An online system for running product selling fundraisers.
- Tools / languages used: Next.js, TypeScript, MUI, Supabase, & Vercel
- Features:
    - I created a system for fundraisers to create their own online stores with custom products using Next.js, Prisma, Supabse (Postgres), and Stripe.
    - Nodemailer/ SendGrid was used to enable each Fundraiser to send out email invites to seller agents. These seller agents can record and track their sales as they go door to door selling products.
    - Each order is editable and tracks the location of products and payments.
    - Sales statistics are displayed in graphs and charts using apex charts.
    - An event system was created to take sales and process order fulfillment/ pickup. When a customer or seller agent arrives to pick up their products, a collection of orders is sent to the back to be gathered and brought out.

My-Flash-Cards | GitHub | Deployed Application
- Flash Card App with a drag and drop folder system, rich card content (images, etc), and dynamic study session.
- Tools / languages used: React, Redux, MUI, Node.js, Express, GraphQL, MongoDB/Mongoose, Heroku, and Namecheap
- Features:
    - I used Express, GraphQL and MongoDB/Mongoose to design a backend that allows a user to save flash card decks in a folder system.
    - Using React, Redux, and MUI I added the ability to display a user's nested system of folders and decks. These decks and folders can be dragged and dropped into different folders.
    - Mui-tiptap was used as text editor in this project to give users the ability to add rich card content; including, images, tables, lists, links, text styling and more.
    - Users can select multiple decks and start a study session where all cards are shuffled together based on a weighted value. When a user is finished viewing a card, they choose a comprehension level of the card content. This comprehension either removes a card or changes the weight of the card, thereby changing the likelihood of seeing the card.

EXPERIENCE

Applications Developer 2023 – Present
Centers for Disease Control and Prevention / DRT Strategies Atlanta, GA
- Full Time Government Contractor for CDC/ATSDR
- Developed Custom Data Visualization Applications with D3.js and Visx for the Geospatial Research, Analysis, and Services Program (GRASP)
- Primarily worked on the US Cancer Statistics Data Visualizations Application

Full-Stack Web Developer, Part Owner and Managing Member 2022 – Present
Paperless Fundraisers, llc Rock Hill, SC
- Full-Stack Web Development
- Database Design
- UI / UX Design

Full-Stack Web Development Boot Camp Instructor 2020 – Present
edX / Vanderbilt Charlotte, NC
- Educate students in HTML, CSS, JS, Node.js, React, SQL, and other web technologies
- Monitor and assist students in small group environments
- Maintain Class Git Repository
- TA from 2020 - 2023
- Lead Instructor 2023 - Present

Emergency Medical Technician 2014 – 2019
Mecklenburg Emergency Medical Services Charlotte, NC
- Responded to medical emergencies and delivered patient care, support, and evaluation on scene and during transport to the hospital.
- Assessed the patient, determined the proper emergency care, and administered treatment.
- Transported patients safely between hospitals and care facilities.

EDUCATION

Bootcamp Certificate: UNCC Full-Stack Web Development, Charlotte, NC
A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.