

Alberta McAleavey

Software Engineer

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I'm a full stack developer with a passion for design. With a background in web design and content management, I have an eye for detail and am skilled at translating client visions into high- quality products. As a developer, I believe in creating accessible digital solutions with eye catching user interfaces that improve lives, and am looking to work with a team who prioritizes transparent communication in a collaborative environment.

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, Figma, Adobe Creative Suite | **CMS** - WordPress, Shopify, Wix

SOFTWARE DEVELOPMENT PROJECTS

TaskFlow | Project management app

- Utilized PostgreSQL, Flask and React to build a full stack CRUD application
- Implemented create, read and, delete functionality with RESTful routing practices
- Used SQL to define schemas for PostgreSQL tables
- Constructed reusable, modular React components to create a highly dynamic UI
- Protected routes with custom middleware and implemented JWT Authentication to keep user data secure
- Employed CSS Grid and Flexbox to design a user- friendly and responsive UI

January 2022 - Present

Cache | Budgeting app

- Worked with a team to produce a MERN stack (MongoDB, Express, React, Node.js) CRUD application
- Implemented full create, read, update, delete (CRUD) operations through RESTful routing practices
- Used Mongoose to define schemas for MongoDB collections
- Constructed a dynamic user interface using React components to create a single- page application
- Protected routes with custom middleware and implemented JWT Authentication to keep user information secure
- Designed the app taking a mobile- first approach
- Created a clean and polished UI using CSS Grid, Flexbox and MUI components to create a user friendly experience

Run Tracker | Run tracking app

- Utilized a MEN stack (MongoDB, Express, Node.js) to build a back end
- Implemented full create, read, update, delete (CRUD) operations through RESTful routing practices
- Used Mongoose to define schemas for MongoDB collections
- Rendered views to the user in EJS templates
- Logged in users with Google OAuth authentication to protect their information from anonymous users
- Implemented authorization with custom middleware to restrict guest access to CUD operations
- Designed the application taking a mobile-first approach and added styling using CSS Flexbox and Grid

Movie Buff | Movie quiz game

- Implemented game logic using JavaScript to create a fun user experience
- Styled elements with CSS Grid and added Bootstrap components to present a polished user interface

- Rendered game status and outcome through HTML elements

PROFESSIONAL EXPERIENCE

The Computer Merchant, Contract Tracer | Remote, NJ

October 2020 - January 2022

- Reached out to COVID-19 cases and contacts to provide public health guidance and reduce ongoing disease transmission
- Collaborated remotely with a team of public health professionals to significantly reduce the number of COVID-19 cases in Burlington County
- Employed interpersonal skills, cultural competency, tactful language and empathetic interviewing skills to build rapport and maintain trust with individuals from various backgrounds

Rutgers University, Web Content Assistant | Piscataway, NJ

January 2020 - July 2020

- Constructed web pages and updated content using WordPress to assist in the Rutgers Office of Information Technology website migration project
- Composed copy for the IT Communications Department's social media channels utilizing knowledge of trends to update the Rutgers community with relevant resources
- Wrote stories for the IT newsroom adhering to university standards and AP Style rules to advertise available services for students and staff

Let's Be SMART, Web Design Intern | Barcelona

May 2019 - July 2019

- Designed and built the company website employing WordPress and Elementor plugin to increase exposure for a small public relations start-up/ improve user experience for potential clients
- Compiled press clippings by searching through various print and web publications to add client mentions to their portfolio
- Translated press releases applying Spanish language knowledge to reach a larger audience

Flying Pig Restoration, Web Design Assistant | Tenefly, NJ

January 2019 - March 2019

- Planned and created a website with GoDaddy channeling knowledge of content management systems, to increase visibility and drive sales for a small furniture restoration ecommerce business
- Edited photos for social media utilizing Adobe LightRoom to attract followers and potential customers

EDUCATION

GENERAL ASSEMBLY | REMOTE

Software Engineering Immersive

January 2022 - April 2022

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.

RUTGERS UNIVERSITY | NEW BRUNSWICK, NJ

Bachelors of Arts in Journalism and Media Studies, Digital Communication and Information

May 2020