

Kailey Kotynski

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TECHNICAL SKILLS

Languages: JavaScript, Python, TypeScript

Technologies: React, Node.js, Express.js, Flask, Docker, Postman, AWS

Databases/Tools: MongoDB, PostgreSQL, Git, GitHub, VSCode, Vite, Webpack

PROFESSIONAL EXPERIENCE

Hack For LA

Software Engineer Volunteer

01/2023

Technologies: JavaScript

- Contribute to the open-source Hack for LA website repository by completing code reviews, pull requests, merging code, resolving issues, and creating documentation
- Collaborate with program managers, designers, developers and gain exposure to an engineering work environment

Hackbright Academy

Software Engineering Fellow

05/2022 – 08/2022

Technologies: Python, JavaScript, React, Flask, Bootstrap, SQL, PostgreSQL, AWS

- Learn Computer Science fundamentals, full stack development, and industry best practices
- Develop a full stack travel focused application using Python and Flask that allows users to create/manage trips
- Prioritize modern software practices such as agile development, cloud deployments, and password encryption
- Practice test driven development and adhere to accessibility as well as responsive design

UW | Providence | Quest | LabCorp | TriHealth

Medical Technologist

2012 – 2022

- Professional expertise in laboratory medicine using various software platforms for laboratory testing
- Experience troubleshooting and resolving software/instrumentation issues
- Excellent organizational, analytical, teamwork, and time management skills

PROJECTS

MTG React | github.com/kotynskm/mtg-react

01/2023

Technologies: JavaScript, React, Router, useQuery, fetch, APIs, Vite, Node.js, Express.js, MongoDB

- Develop and test RESTful APIs with functionality to add/delete data from the database
- Responsiveness and layout with Material UI, route management with React Router
- Pagination to display 6 cards per page from 100 results returned by API request

Book List | booklist-typescript.netlify.app | github.com/kotynskm/react-booklist

01/2023

Technologies: TypeScript, React, Vite, localStorage

- Book list featuring localStorage to add, remove, and clear books from the users reading list
- Interface to describe objects, and type for component props

Cat Generator | cat-generator-react.netlify.app | github.com/kotynskm/cat-generator

12/2022

Technologies: JavaScript, React, fetch, APIs, Vite

- Fetch request to API to generate cat image
- Update state with useState, implement header/footer with Material UI

ASD Womxn Empowerment | github.com/kotynskm/asd-womxn-empowerment

12/2022

Technologies: JavaScript, React, Node.js, Express.js, MongoDB, Mongoose, Webpack, Postman

- Part of a 6 person Hackathon team via Girl Develop It to develop a full stack app with MVC file structure
- Responsible for set up of server and database, create DB schemas/relationships, and construct/test APIs

Node Blog | github.com/kotynskm/node-blog

11/2022

Technologies: JavaScript, Node.js, Express.js, MongoDB, Mongoose, Postman

- Blog application featuring RESTful APIs and CRUD operations to the database

Travel Book | <http://35.90.45.98/> | github.com/kotynskm/travel-book

6/2022

Technologies: Python, JavaScript, React, Flask, Bootstrap, PostgreSQL, APIs

- Full stack application featuring login/create account with password encryption, deployment via AWS
- Google Maps API, Cloudinary API, OpenWeather API, and FullCalendar.io for map, photos, weather, and activity calendar

EDUCATION

Hackbright Academy | Immersive Software Engineering Program

2022

University of Cincinnati | B.S., Medical Technology

2008 – 2012