

Kailey Kotynski

Full Stack Software Engineer

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EDUCATION

Hackbright Academy, *Accelerated Software Engineering School*
University of Cincinnati, *Bachelors of Science*

APRIL 2022 - AUGUST 2022
2008 - 2012

TECHNOLOGIES

Languages | Python, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks & Libraries | Flask, jQuery, Bootstrap, Express.js, React

Database & Industry Tools | Git, GitHub, Command Line, PostgreSQL, MongoDB

Additional Skills | Node.js, Jinja, EJS, PUG, Docker, AWS, Azure, Postman

PROJECTS

Travel Book GitHub: <https://github.com/kotynskm/travel-book> Demo Site: <http://35.90.45.98/>

Languages, Frameworks, Database | Python and Flask for the backend server and routes, JavaScript (JSON, AJAX) for retrieving data from the server, PostgreSQL, Bootstrap, Jinja, React

APIs | Cloudinary, Google Maps, Yelp Fusion, and OpenWeather

Motivation | This was a capstone project for Hackbright Academy. I wanted to incorporate many different APIs to better learn how to use them, experiment with Google Maps, and try out React.

- Managed user authentication and supported CRUD operations in RESTful API architecture with Flask
- Integrated Yelp Fusion API to allow users to search and view top rated activities
- Locations of interest and selected destinations are displayed using Google Maps API
- Trip photos are uploaded using Cloudinary API
- Weather information for destinations was incorporated using OpenWeather API
- Trip calendar and activity scheduling was implemented with Fullcalendar.io
- Additional travelers can be added to trips using an association table in PostgreSQL

Tea Shop GitHub: <https://github.com/kotynskm/node-project>

Languages, Frameworks, Database | JavaScript and Node.js with Express.js for the backend server and routes, MongoDB with mongoose and Postman

Motivation | This project was created to facilitate learning Node.js, Express, and MongoDB.

- RESTful API design and development
- Handling of user authentication with jwt tokens and password encryption with bcrypt
- Working with Node.js and NPM package manager, routing, and middleware
- MVC file structure
- Working with a NoSQL database, and how to model data

EXPERIENCE

Software Engineer

Contract

August 2022 - Present

Part of a development team building the frontend and backend of a data indexing solution

- Building APIs with Node.js, Express.js, and TypeScript
- Creating, querying, and testing the database with MongoDB, mongoose, and Postman

Software Engineering Fellow

Hackbright Academy

May 2022 - August 2022

- Completed an accelerated software engineering program for women with an emphasis on full-stack web development
- Learned computer science fundamentals and industry best practices through lecture and pair-programming
- Created a full stack application using Python, JS, React, Flask, API requests, Bootstrap, Jinja, PostgreSQL

Medical Technologist

University of Washington | Providence | Quest Diagnostics | LabCorp | TriHealth

September 2012 - April 2022

10 years of Laboratory Science experience with tenured expertise using various software platforms and instrumentation to complete biological substance testing in specialty areas including flow cytometry, chemistry, hematology, immunology, microbiology, and blood bank

- Worked with complex laser-based instrumentation to analyze flow cytometric data (colored scatter plots generated by physical characteristics of cancer cells)
- Responsible for quality and assurance testing on all tests completed
- Excellent organizational and time management skills
- Excellent analytical skills

VOLUNTEER

Hopelink (*Social Services*) Oct 2020 - Nov 2020: Volunteered at food bank, supplied groceries for families in need, inventory management

Hospice (*Medical Services*) Oct 2018 - Jul 2019: Volunteered to provide companionship for hospice patients, created reports for hospice team

LittleBit Therapeutic Riding Center (*Children*) Jan 2017 - Jul 2019: Volunteered in adaptive riding programs to help children with disabilities ride horses, worked alongside therapist

Camp Erin (*Children*) Aug 2018: Volunteered at a children's camp as a camp counselor