

Kailey Kotynski

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go

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

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

PROFESSIONAL EXPERIENCE

McGraw Hill

Software Engineer

01/2023 - Present

Technologies: TypeScript, JavaScript, Angular, Go, AWS

- Part of the platform ops team responsible for optimizing performance, working with CI/CD pipelines, and maintaining a secure and highly available environment
- Demonstrate problem-solving skills by promptly identifying and resolving customer-reported issues, improving user satisfaction and platform stability
- Utilize AWS services to ensure seamless operation, including EC2 instances, S3 buckets, CDNs, and Lambda functions, contributing to the reliability and scalability of the platform
- Part of a cross-functional team effort to execute Angular version upgrades across all projects, ensuring compatibility, improving performance, and staying up-to-date with the latest Angular features and best practices

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 crafting comprehensive documentation
- Work with program managers, designers, developers and gain exposure to a collaborative engineering work environment

Hackbright Academy

Software Engineering Fellow

08/2022

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

- Learn Computer Science fundamentals, design and develop a full stack application, and adhere to industry best practices
- Prioritize modern software methods such as agile development, cloud deployments, and password encryption

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

PROJECTS

Apples 2 Oranges | apples2oranges.netlify.app | github.com/Oh-Bits-Please/hackathon-2023

02/2023

Technologies: JavaScript, React, Router, Vite, Firebase, MapBox, Tailwind, MapQuest API

- Part of a 3 person Hackathon team via DeveloperWeek2023 to create an app that addresses a real world problem
- Implement a map with dynamic data for markers/popups and create user friendly home and product pages
- Tailwind for responsive design and layout, route management with React Router, Firebase for login/signup authentication

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
- Enact features such as pagination, apply responsiveness and layout with Material UI, route management via Router
- Testing suite with unit tests and end to end tests using react testing library, vitest, and Cypress

Travel Book | github.com/kotynskm/travel-book

6/2022

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

- Deploy via AWS a full stack travel application featuring login/create account with password encryption and responsive design
- Utilize APIs including Google Maps, Cloudinary, OpenWeather, 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