Kailey Kotynski

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go
Technologies: Angular, React, Node.js, Express.js, Flask, Docker, Postman, AWS, Terraform
Databases/Tools: MongoDB, PostgreSQL, Git, GitHub, VSCode, Vite, Webpack, Vitest, Cypress, Mocha, Chai

PROFESSIONAL EXPERIENCE

McGraw Hill

Software Engineer   01/2023 - Present
Technologies: TypeScript, JavaScript, Angular, Go, Node, 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
- 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
- Collaborate in the development of a Node.js API using Express, actively contributing to the design and implementation of RESTful endpoints, and ensuring reliability by creating comprehensive unit and integration tests with Mocha, Chai, and Sinon

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 for the DeveloperWeek 2023 challenge to create an app that addresses a real world problem
- Implement a map with dynamic data for map markers and popups, and design/create user friendly home and product pages
- Leverage Tailwind for responsive design and layout, manage routes with React Router, and 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 using Node with express, manage fetch requests to MTG developers API
- Implement responsive design with Material UI, database management with MongoDB, and unit/e2e tests with 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