

Michael Kydd

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github.com/mkydd | michaelkydd.netlify.app

Education

Wilfrid Laurier University – Waterloo, ON.

B.S. in Computer Science

Relevant Courses: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Artificial Intelligence, Databases

Skills

Programming: Python, JavaScript, TypeScript, C#

Web & Database: HTML, CSS, MongoDB, MySQL, SQL Server

Frameworks: ReactJS, React Native, Express.js, Next.js, .NET, Docker

Tech: Git, Node.js, Linux, VSCode, AUTH0, Vim, MS Office

Experience

AI Trainer

Outlier – Canada

Sept 2023 – Oct 2024

- Analyzed and ranked 200+ AI-generated responses per week for relevance, clarity, and accuracy.
- Identified and reported issues, improving model accuracy by 10%.
- Demonstrated documentation skills to log and communicate issues effectively.

Freelance Software Developer

The Bird Project – Toronto, ON

May 2023 – Aug 2024

- Designed and developed a high-converting landing page, resulting in 2500+ email signups per month.
- Leveraged Next.js for server-side rendering (SSR) and static generation, optimizing page load speed and enhancing SEO performance to attract organic traffic.
- Consulted with client on design and functionality to align solutions with business goals.
- Documented, tested, and implemented improvements in a full-stack mobile application using MongoDB, Express.js, Node.js, and React Native.
- Provided ongoing maintenance and problem-solving to address user feedback and ensure high-quality performance.

Projects

Exercise Tracker - <https://github.com/mkydd/exercise-tracker>

Tech: Express.js, React, MongoDB, Node.js

Live Link: <https://mk-exercise-tracker.netlify.app/>

- Designed and developed a Full Stack Web Application using the MERN stack to enable 500+ users to track workouts.
- Integrated AUTH0 for secure login, registration, and authentication.
- Created and documented 10+ API endpoints using Node.js and Express.js for efficient data processing.
- Implemented error resolution protocols and provided ongoing application support to maintain smooth functionality.

Final Grade Generator

Tech: Python

- Developed a data management application that allowed teachers to input grade files and calculate final grades.
- Collaborated with the team to implement Agile development methodologies.
- Led documentation efforts and task prioritization for team collaboration, resulting in a final grade of 100%.