Michael Kydd

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github.com/mkydd | michaelkydd.netlify.app

Experience

The Bird Project – Toronto, ON   May 2023 – Aug 2024

Freelance Software Developer
- 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 clients** 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** for better **data analytics** and **production support**.
- Provided **ongoing maintenance** and **problem-solving** to address user feedback and ensure high-quality performance.

Outlier – Canada   Sept 2023 – Oct 2024

AI Trainer
- **Analyzed and ranked** 200+ AI-generated responses per week for relevance, clarity, and accuracy.
- Identified and **reported issues**, improving error resolution and **escalating concerns** as necessary to maintain quality.
- **Collaborated with cross-functional teams** to support **data management** and align **client satisfaction** efforts.
- Demonstrated **documentation** skills to log and communicate issues effectively, enhancing **workflow management** and **reporting.**

Education

Bachelor of Science, Computer Science.
Wilfrid Laurier University – Waterloo, ON.
   Courses: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Artificial Intelligence, Databases

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 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.
- Practiced **agile development** and **problem-solving** with the team.
- Led **documentation** efforts and **task prioritization** for team collaboration, resulting in a final grade of 100%.

Skills

Programming	**|Python ● JavaScript ● TypeScript ● C#**
Web & Database	**|HTML ● CSS ● MongoDB ● MySQL ● SQL Server**
Frameworks	**|ReactJS ● React Native ● Express.js ● Next.js ● Docker**
Tech	**|Git ● Node.js ● Linux ● VSCode ● AUTH0 ● Vim ● MS Office**