

MICHAEL KLEIMAN

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EDUCATION

SENECA POLYTECHNIC
Honours Bachelor of Technology, Software Development

Toronto, Ontario
2022 – Present

TECHNICAL SKILLS

- Programming Languages:** JavaScript, HTML, CSS, Java, Python, C, C++, C#
- Frameworks & Libraries:** React, Node, Tailwind CSS, Flask, JSON, Swift
- Concepts:** REST APIs, UI/UX Design, A/B Testing, Debugging, Dependency Management
- Tools & Technologies:** Git, Eclipse, VS Code, Figma, PyCharm, IntelliJ, Jira, Xcode, MongoDB, SQL, MS SQL
- Version Control:** Managed collaborative projects using Git & GitHub

RELEVANT PROJECTS

Personal Portfolio Website | **JavaScript, React, Framer Motion, Tailwind CSS, HTML5**

- Designed and developed a responsive portfolio website using React and Tailwind, improving accessibility and load performance across all devices.
- Implemented dynamic animations with Framer Motion to enhance engagement and reduce bounce rate through smoother visual flow.
- Deployed on Vercel with automated GitHub CI/CD pipelines, ensuring continuous updates and consistent uptime for public access.

PokéFinder | **React, Node.js, Express, MongoDB**

- Collaborated with a partner to integrate 800+ Pokémon entries into a full-stack web-searchable MongoDB dataset, improving data accessibility up to 35% by optimizing queries and routing.
- Conducted A/B testing on search performance, reducing average query latency from 1.8s to 1.1s and improving user retention during testing sessions.
- Integrated frontend state management with React hooks for seamless navigation and consistent data flow between searches.
- Deployed a live version of the app used by 150+ users for Pokémon data lookup, monitoring database performance and uptime via Vercel analytics.

Capstone Project | **React, Node.js, Express, MongoDB, Roboflow ML Kit**

- Cooperated with a 3-member development team to build an AI-powered food recognition platform allowing users to scan food images and retrieve nutritional and allergen data in real time.
- Designed and deployed RESTful APIs that connect ML-based image classification with a MongoDB database for structured ingredient tracking.
- Deployed via Node/Express with Vercel integration, ensuring scalable backend performance and reliable user data processing.

WORK EXPERIENCE

MODEL

WANT MANAGEMENT

Toronto, Ontario

January 2025 – Present

- Collaborated with photographers, stylists, and production teams to complete over 20 unique editorial, commercial, and e-commerce campaigns across Montreal and Korea, meeting strict creative timelines.

I.T INTERN

Supernova Technology

Toronto, Ontario

May 2024 – August 2024

- Assisted senior developers with debugging Node.js scripts and SQL queries, contributing to a 15% reduction in report generation time for internal dashboards.
- Standardized internal scheduling templates and automation scripts used by 15+ employees company-wide, streamlining recurring meeting logistics.

EXTRA-CURRICULAR EXPERIENCE

Vice President

AI Seneca, Seneca Polytechnic

North York, Ontario

January 2024 – Present

- Set goals for growth by expanding project participation, increasing interdisciplinary engagement, and securing external partnerships.
- Foster a learning ecosystem through mentorship, technical initiatives, and events that empower students to apply AI tools to real-world problems.