

Jonathan Ishak

519-694-8754 | jonathan.r.ishak@gmail.com | [linkedin.com/in/jonathan-ishak](https://www.linkedin.com/in/jonathan-ishak) | github.com/numcap

EDUCATION

University of Western Ontario

B.E.Sc. Software Engineering

- GPA: 3.7. Dean's Honor List

London, ON

Sept. 2023 – Present

EXPERIENCE

Full-Stack Developer

King's Psychology Association

August 2024 – Present

London, ON

- Designed and implemented a responsive landing page using React and TailwindCSS, hosted on Vercel.
- Built serverless APIs with Vercel to handle PostgreSQL database interactions for real-time event calendar updates
- Implemented secure admin authentication using JWT for managing events and user access.
- Increased club recognition by 2x, attracting 20+ new members within the first month according to Vercel analytics.

Software Engineering Intern

AGM Construction

May 2024 – August 2024

Sydney, Australia

- Designed and developed a responsive landing page using React and SCSS, improving user engagement and site performance.
- Built a RESTful API with Express.js to handle contact form submissions securely and efficiently.
- Implemented dynamic UI components and animations to enhance user experience and visual appeal.
- Communicated with company owners to gather requirements and deliver a product aligned with business goals.

PROJECTS

KPA Website | *Vite, React, PostgreSQL, Vercel serverless functions, JWT Auth*

August 2024 – Present

- Built a responsive landing page using React and TailwindCSS, improving page load time and user experience.
- Developed serverless APIs with Vercel to interact with a PostgreSQL database hosted on Neon for real-time event updates.
- Implemented JWT authentication for secure admin access and event management.
- Increased club recognition by 2x, with 20+ new visitors/members in the first month according to Vercel analytics.

AGM Construction Landing Page | *React, SCSS, Express.js*

May 2024 – August 2024

- Developed a responsive landing page using React and SCSS, improving user engagement and load times.
- Built a RESTful API with Express.js to handle secure contact form submissions.
- Implemented dynamic UI components and animations to enhance user experience and interactivity.
- Collaborated with company owners to gather requirements and ensure alignment with business goals.

Carbon eMission | *React, Express.js, PostgreSQL, OpenAI API*

March 2025

- Developed a web application that allows users to track, reduce, and compete to lower their carbon footprint. Achieved **2nd** in the Hackathon.
- Built a React (Vite) frontend with Tailwind CSS for responsive UI and interactive data visualization.
- Designed a RESTful API using Express.js with JWT authentication and secure cookie management.
- Implemented a PostgreSQL (NeonDB) database to store user activity and environmental metrics.
- Integrated OpenAI's GPT-4o to generate personalized insights for reducing carbon emissions.
- Created a leaderboard system to encourage eco-friendly competition among users.

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS, Swift, C#

Frameworks: React, Node.js, NextJS, Express, TailwindCSS, SpringBoot, Django, React Native, SCSS

Developer Tools: Git, Docker, Google Cloud Platform, AWS, Firebase, Vercel, NPM, VS Code, IntelliJ, Figma, Postman

Libraries: pandas