

ANGKIT KHADKA

📞 (437) 662-7185 ✉️ khadkaankit85@gmail.com 🔗 [linkedin.com/in/khadkaankit85](https://www.linkedin.com/in/khadkaankit85) 🐙 github.com/khadkaankit85 🌐 angkit.com.np/

Education

Sault College

Diploma in Computer Programming

Graduation Date: April 2025

Toronto, Ontario, Canada

- GPA — **4.0**
- Courses: Advanced Web Applications, Programming Paradigms, Databases, Mobile Applications, Web Development, Computer Security, Systems Analysis & Design

Work Experience

Frontend Developer Intern – Ronesdy Inc

May 2024 – Sep 2024

Toronto, Canada

- Collaborated with a team of developers to build responsive and accessible UIs using **React**, **TailwindCSS**, and **TypeScript**.
- Integrated **RESTful APIs** into dynamic components, improving app performance and user experience across devices.
- Used **Git** for version control and participated in daily standups, sprint planning, and peer code reviews using **Agile** practices.

Projects

SAVR – Price Comparison Web App | [Live Site](#) | [Source Code](#)

React | **Express** | **MongoDB** | **AI** | **OAuth**

- Designed, developed and deployed a **price comparison web app** for Canadian users, achieving **100% accuracy** for major retailers and **80% accuracy** for random retailers using **AI-powered web scraping**.
- Implemented **product tracking** with price drop alerts, achieving **99% accuracy** and integrated **email notifications** for alerts.
- Built the **frontend** in **React** and the **backend** with **Express.js**, using **MongoDB** for scalable data storage.
- Implemented **OAuth login** with **Google authentication** and ensured data security through encryption.
- Collaborated with **GitHub** for version control and implemented **unit and integration tests** to ensure robustness.

Restaurant Management API | [Source Code](#)

TypeScript | **Node.js** | **Express** | **MySQL**

- Built a **RESTful API** with **Node.js** and **Express** for managing **restaurant reservations**, implementing **CRUD operations** and **database normalization** for optimized data storage.
- Integrated **MariaDB** for efficient data handling and **Prisma** for improved database interactions, boosting retrieval speed by **25%** and supporting **100+ concurrent reservations**.
- Developed **30+ Jest tests** for **CRUD operations**, achieving **95% test coverage** and improving data integrity by **20%**.
- Secured the API with **JWT authentication**, using **Bcrypt** for data encryption and implementing **role-based access control** for secure user management.

HR Management System | [Source Code](#)

Java | **JavaFX** | **MySQL**

- Developed an **HR management application** using **JavaFX**, streamlining **employee** and **admin workflows**, improving data management efficiency and reducing manual tasks.
- Integrated **MySQL** for **CRUD operations**, improving data retrieval efficiency and handling **employee** data, payroll, and attendance information more effectively.
- Designed a custom **ORM** to improve code maintainability and reduce development time, following the **MVC design pattern** for modularity and scalability.
- Implemented **JUnit tests** for **user login**, achieving **high test coverage**, ensuring robust validation, security, and error handling.

Technical Skills

Languages: Typescript, Javascript, Java, SQL, HTML5, CSS, Python

Developer Tools: AWS, Git, Azure, Docker, Jira, GCP, Vercel

Libraries/Frameworks: Express, Spring Boot, ReactJS, PostgreSQL, NextJS, Svelte, NodeJS

Others: MongoDB, Redis, MariaDB