Angkit Khadka

📞 (437) 662-7185 ✉ khadkaankit85@gmail.com 🔗 linkedin.com/in/khadkaankit85 ⊙ github.com/khadkaankit85 💼 angkit.com.np/

Education

Sault College   **Graduation Date: April 2025**
Diploma in Computer Programming   *Toronto, Ontario, Canada*

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

Work Experience

Software Engineering Intern – Vertex Inc   **May 2025 - Present**
Toronto, Canada

- Working with **AWS**, **Terraform**, **CloudFormation**, and **Linux** to automate infrastructure provisioning and support secure cloud deployments.
- Using **Python**, **Java**, and **Bash** to write scripts and develop internal tooling, collaborating with the team through **Git** and **Agile** practices.

Frontend Developer (Volunteer) – 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.

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.
- 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

- **Frameworks & Libraries:** React.js, Node.js, Express.js, GraphQL, RESTful APIs, Microservices Architecture
- **Languages:** Java, Python, JavaScript, TypeScript, SQL, Bash
- **Cloud & DevOps:** AWS, Terraform , Docker, Kubernetes, CI/CD Pipelines, Cloud Infrastructure (GCP/Azure exposure)
- **Databases:** PostgreSQL, MySQL, SQL Server, OracleDB, Redis (Key-Value Store)
- **Web Technologies:** HTML5, CSS3, Tailwind CSS
- **Tools & Version Control:** Git, GitHub, IntelliJ IDEA, Visual Studio Code, Postman