Saksham Kohli

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Work Experience

CIBC – Application/Software Developer Co-Op   **May 2025 – Aug 2025**

- Developed key features for an enterprise iOS app using **Swift, SwiftUI, and UIKit** with a modular architecture.
- Built interactive UI components and transaction scheduling logic that aimed to **improve client savings by 20%** through automated money movement.
- Wrote robust unit tests with **XCTest**, maintained code quality and automated CI using **Jenkins.**
- Participated in piloting a proprietary **Generative AI virtual assistant**, achieving a **74% user satisfaction** rate.
- Collaborated across departments on the Onboarding Improvement Initiative, **creating comprehensive documentation and resources** for future hires.

RealState Nest – Web Development Intern   **May 2024 – Aug 2024**

- Optimized **REST API calls** using Python's requests library, reducing data retrieval **time by 10%**, and implementing caching strategies that improved response times by **up to 250ms**.
- Collaborated with cross-functional teams using **Agile methodology** to design and implement the **front-end** using HTML, CSS, and JavaScript, **ensuring mobile responsiveness,** and enhancing user experience across devices.

Projects

Note-It ↗ – *Python, HTML, CSS, Flask, SQL Alchemy, Git*

- Developed a responsive web app using **SQL database** to store user data and created efficient queries using Object Relational patterns which improved runtime by **20ms**.
- Utilized **CRUD** operations to securely display and modify data, ensuring real-time updates and information accuracy for **150+ entries**.

CalendarAI ↗ – *Next.js, TypeScript, Tailwind CSS, v0, Cursor AI, Git*

- Developed a **responsive task management app** guided by v0 with a visual weekly layout for efficient scheduling, planning, and organization.
- Implemented **drag-and-drop** functionality for task rescheduling, customizable durations, and **priority management**, ensuring seamless user experience.

Education & Certifications

York University   **Expected – Dec 2026**

Honours Bachelor of Science, Computer Science Specialized in Computer Security

- **Relevant Coursework:** Object Oriented Programming, Computer Organization, Net Centric Computing, Software Tools, Data Structures, Network Security, Network Protocols
- **Continuous Learning:** CIA Triad, Security Principles, Risk Assessment, Application Security, Digital Forensics, Penetration Testing, Social Engineering, Data Encryption, SIEM Tools
- Google Cybersecurity Professional Certificate 🔗

Skills

Languages – *Java, Swift, Python, HTML, CSS, JavaScript, TypeScript, React.js*

Technologies/ Tools – *SwiftUI, REST API, GIT, SQLAlchemy (ORM), VS Code, Xcode, Agile, Jira, Confluence, Linux*

Soft Skills – *Communication, Teamwork, Critical Thinking, Problem-Solving, Time Management*