

Saksham Kohli

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Work Experience

RealState Nest – Web Development Intern

Summer 2024

- Optimized **REST API calls** using Python's requests library, reducing data retrieval **time by 10%** for real estate listings.
- 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.
- Improved website performance by implementing **caching strategies** for faster response times and reduced server load.

Projects

Note-It ↗ – Python, HTML, CSS, Flask, SQLAlchemy, 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**.
- Deployed project with the help of **PythonAnywhere** to allow userbase free access online.

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.

RecipeHero ↗ – TypeScript, JS, Node.js, React.js, PostgreSQL, Spoonful API, HTML, CSS, Git

- Engineered a dynamic **recipe book application** with real-time recipe fetching using Spoonful API and JSON data.
- Optimized performance by implementing a “View More” feature, **reducing page load times by 15%**.
- Integrated **ElephantSQL** for users to save and delete favorite recipes, allowing for a personalized experience.

Education

York University

Expected - 05/2026

Honours Bachelor of Science, Computer Science Specialized in Computer Security

- **Relevant Coursework:** Object Oriented Programming, Computer Organization, Net Centric Computing, Software Tools, Data Structures, Statistics & Probability, Research Directions

Skills

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

Technologies/ Tools – Flask, RESTful API, GIT, SQLAlchemy (ORM), VS Code, Agile, Waterfall, Linux/Unix

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