

KSHITIJ GOMBER

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EDUCATION

University of British Columbia

Sept 2022 – Present

Bachelor of Science – Computer Science Major (Year 3)

Vancouver, BC

- Dean's List for Outstanding Academic Achievement

EXPERIENCE

Undergraduate Teaching Assistant (MATH 100, MATH 180 & MATH 101)

Sep 2023 – Present

University of British Columbia

Vancouver, BC

- Assisted students in understanding differential and integral calculus during discussions. Graded assignments and collaborated with the instructor to manage and facilitate technical discussions.

Online Mentor

Jan 2023 – Dec 2023

iEdufy Tutoring

Remote

- Provided Physics and Mathematics mentorship to Grade 11 and 12 students online. Delivered personalized instruction, addressing individual learning needs and goals.

Vocational Internship Trainee

July 2023 – August 2023

HPCL-Mittal Energy Limited

India

- Offered technical support in the IT department, resolving employee queries. Gained familiarity with the refinery's online portal and industry-specific technology.

Summer Intern

May 2023 – July 2023

Paul Merchants Finance

India

- Provided user support and resolved technical issues within the IT division, focusing on Maya Money and Paul Pay apps and related tech stacks.

PROJECTS

GameLog Database

GitHub

SQL, HTML, CSS, JavaScript, Node.js

- Built a database system for tracking game development and user reviews. Implemented aggregation queries for advanced data analysis.

Personal Portfolio

GitHub

HTML, CSS, JavaScript, Bootstrap, jQuery

- Built a responsive portfolio using Bootstrap 5, AOS animations, and a filterable gallery with jQuery.

Study Tracker App

GitHub

Python, Tkinter, Threading, Chime

- Developed a Python app managing study/break sessions with a break-debt system.

Fitness Tracker & Watchlist Manager (Java)

GitHub — GitHub

Java, Swing, AWT

- Created a fitness tracker app for logging workouts and setting goals and a watchlist manager with a Swing GUI.

Snapchat Lens Filters

Snapchat Lens Studio

- Designed and deployed creative Snapchat filters, achieving 4.2M+ views and 95,669+ shares.

PROFESSIONAL DEVELOPMENT

Engineering Virtual Program (Cyber Security)

April 2021

Goldman Sachs

- Analyzed a leaked password database and recommended policy improvements.

Indian Olympiad Qualifier

Jan 2021

Mathematics

- Competed nationally; achieved a Certificate of Merit in the top 300 ranks.

SKILLS

Languages: Java, C++, Python, JavaScript, HTML, CSS, SQL, R, LaTeX, Assembly

Technologies: Node.js, MySQL, Tkinter, Bootstrap, Git, Swing, NumPy, Pandas

Tools: Snapchat Lens Studio, Database Management, Digital Marketing, Jupyter Notebook