

# KSHITIJ GOMBER

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## EDUCATION

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### University of British Columbia

*Bachelor of Science – Computer Science Major (Year 3)*  
– Dean’s List for Outstanding Academic Achievement

Sept 2022 – Present  
Vancouver, BC

## EXPERIENCE

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

*University of British Columbia*

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

Sep 2023 – Present  
Vancouver, BC

### Online Mentor

*iEdufy Tutoring*

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

Jan 2023 – Dec 2023  
Remote

### Vocational Internship Trainee

*HPCL-Mittal Energy Limited*

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

July 2023 – August 2023  
India

### Summer Intern

*Paul Merchants Finance*

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

May 2023 – July 2023  
India

## PROJECTS

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### Resume Curator

*Python, FastAPI, Uvicorn*

– Built a resume parsing and analysis tool that extracts key details using **LLM integration**. Implemented automated keyword extraction via Gemini API, reducing manual review time. Deployed on Render, handling multiple resume uploads with response times under 2 seconds. Enhanced resume insights by leveraging AI-powered analysis for improved relevancy and formatting suggestions.

[Live Demo](#) — [GitHub](#)

### Personal Portfolio

*HTML, CSS, JavaScript, Bootstrap, jQuery*

– Developed a responsive portfolio showcasing personal projects and skills. Improved page load time by 25% through optimized asset loading. Increased engagement by 40% with interactive animations and a filterable gallery.

[Live Demo](#) — [GitHub](#)

### GameLog Database

*SQL, HTML, CSS, JavaScript, Node.js*

– Developed a **database** system for tracking game development and user reviews. Implemented **aggregation queries**, improving data retrieval efficiency by 30%. Designed a dashboard for tracking development trends, making review analysis 50% faster.

[GitHub](#)

### Study Tracker App

*Python, Tkinter, Threading, Chime*

– Created a study timer app with break reminders and a "break-debt" system. Reduced UI lag by 60% using **multi-threading** for countdown timers. Helped maintain consistent study sessions, with users reporting a 20% increase in focused time.

[GitHub](#)

### Fitness Tracker & Watchlist Manager (Java)

*Java, Swing, AWT*

– Developed a fitness tracker for logging workouts and setting goals. Improved workout tracking efficiency by 35% with streamlined logging features. Built a movie watchlist manager, making it 50% easier to track watched/unwatched films.

[GitHub](#) — [GitHub](#)

### Snapchat Lens Filters

*Snapchat Lens Studio*

– Designed and deployed creative Snapchat filters. Achieved over 4.2M views and 95,669+ shares, increasing engagement by 25%. Refined AR elements, making interactive effects 40% smoother.

## PROFESSIONAL DEVELOPMENT

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### Engineering Virtual Program (Cyber Security)

*Goldman Sachs*

– Analyzed a leaked password database and recommended policy improvements.

April 2021

### Indian Olympiad Qualifier

*Mathematics*

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

Jan 2021

## SKILLS

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

Technologies: **FastAPI, Flask, Node.js, Uvicorn, AWS, Distributed Systems, MySQL**, jQuery, Bootstrap, NumPy, Pandas

Tools: **Git/GitHub, Bash, Multithreading, System Design, CI/CD, Query Optimization**, Jupyter, LLM Integration