

Vaibhav Sharma

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EDUCATION

University of British Columbia

Bachelor of Science, Combined Major in Science

Vancouver, BC

Sep. 2022 – Apr. 2026

- Participated in **20+** Hackathons, Winner at **HackTheNorth 2023**, Mentored at **HackCamp & nwHacks**

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, R, Dart, EJS

Frameworks: React, Bootstrap, Svelte, JUnit, Node.js, Express.js, Electron.js, Flutter, Discord, Chrome Extensions

Developer Tools: Git, Google Cloud Platform, Microsoft Azure, Google Firebase, VS Code, IntelliJ, Figma

Libraries: Axios, Moment.js, GSAP, Socket.io, OpenAI, Discord.js, Bcrypt, Swing, QuickChart, JWT

PROJECTS

HonkHonkHire [🔗](#) | *Express.js, MongoDB, Google Cloud Platform, Firebase, CohereAI* Sep. 2023 – Sep. 2023

- Developed a full-stack web application that generates AI-based interview questions using the user's resume and provides feedback using speech and facial expressions analysis.
- Implemented **Google's Vision API**, **Speech-to-Text API**, **Text-to-Speech API**, **Firebase Storage**, and **MediaPipe** for speech and facial expressions detection.
- Used **OCR Space's API** to detect resume text and **Cohere-AI's** Completion API to generate questions and analyze answers.
- Developed backend using Express.js, MongoDB, and EJS.

superT3 [🔗](#) | *Java, Advanced OOPs, Swing, JUnit, JSON* February 2023 – April 2023

- Designed and developed an advanced **ultimate tic-tac-toe game** featuring nested grids within a larger grid.
- Implemented a game state **saving/loading** functionality using **JSON**, allowing users to resume their games.
- Crafted a pleasing user interface using **Swing** with carefully chosen contrasting colors for enhanced accessibility.
- Conducted comprehensive unit testing of the game using **JUnit**, ensuring thorough coverage of all functions and scenarios.

Local Party [🔗](#) | *Electron.js, Express.js, MongoDB, Socket.io, Vanilla.js* Mar. 2021 – June 2022

- Designed and developed a unique website enabling users to create chat rooms for **synchronized viewing** of local video files with friends. Users could **create personal rooms** and **join them** using room codes.
- Seamlessly integrated **Socket.io** and the backend API to create a synchronized platform.
- Successfully hosted the web application on **Heroku**, attracting over **1000 users** and gaining recognition with **215 stars** on the GitHub repository.

[13 More Projects](#) [🔗](#)

EXPERIENCE

Web Developer/Marketing Director

Combined Major in Science Student Association

Sep. 2023 – Present

Vancouver, BC

- Led a team of **7 members** in spearheading the development of the club's website, resulting in an impressive **50%** surge in user engagement within the inaugural month of launch.
- Developed the promotional website for the club using **HTML, CSS, and Javascript**. Utilized a variety of frameworks including **Three.js, Vanta.js, GSAP, and JQuery** to create an interactive UI for the platform.
- Facilitated the onboarding of **50 individuals** into the club by actively contributing to the creation of promotional content for the Instagram page and optimizing the website's registration platform.

Software Developer Freelance

Apptom Electronics Pvt. Ltd.

June. 2023 – Sep. 2023

Remote

- Developed the frontend of a chat page and seamlessly integrated it with **Socket.io** and Express.js API.
- Designed and implemented the backend API for the chat application, utilizing **Moment.js, Express.js, and MongoDB** for efficient data management.
- Successfully hosted the platform on **cPanel** and **WHM hosting service**, including DNS configuration for optimal accessibility.
- Engineered the backend infrastructure for **Google Authentication** and **Google Meet generation**, employing the **Google Cloud Platform**, MongoDB, and Moment.js to ensure secure and efficient functionality.