Vaibhav Sharma

+1-604-841-3588 | Mail | LinkedIn | Github | YouTube | Portfolio

EDUCATION

University of British Columbia — Vancouver, BC
Bachelor of Science, Combined Major in Science — *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 — Sep. 2023 – Present
Combined Major in Science Student Association — *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 — June. 2023 – Sep. 2023
Apptom Electronics Pvt. Ltd. — *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.