

Vaibhav Sharma

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EDUCATION

University of British Columbia

Bachelor of Science, Combined Major in Science

Vancouver, BC

Sep. 2022 – Apr. 2026

- Full Stack Developer specializing in modern web development technologies and frameworks.
- 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

- Led a collaborative team to develop a MongoDB-awarded full-stack web app, showcasing strong teamwork through efficient task coordination and open communication.
- Integrated **Google's APIs and MediaPipe**, achieving **30% faster processing** and **40% higher accuracy** for speech and facial detection, enhancing app performance and user satisfaction.
- Leveraged **OCR Space's API** for universal resume text detection, facilitating recognition of resumes in any format, alongside **Cohere-AI's Completion API** for efficient question generation and answer analysis.

superT3 [🔗](#) | *Java, Advanced OOPs, Swing, JUnit, JSON* Feb. 2023 – Apr. 2023

- Designed and developed an advanced **ultimate tic-tac-toe game** featuring nested grids within a larger grid.
- Implemented a game **state- saving/loading** mechanism 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 – Jun. 2022

- Crafted and launched 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** with the back end API, resulting in a **20% reduction** in latency and a **30% increase** in real-time synchronization efficiency, enhancing overall platform performance and user experience.
- Successfully hosted the web application on **Heroku**, attracting over **2000 users** and gaining recognition with **220 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** to develop the club's website, resulting in a **50% surge** in user engagement within the inaugural month of launch.
- Modernized the club's promotional website using **HTML, CSS, and Javascript**. Employed frameworks such as **Three.js, Vanta.js, GSAP, and JQuery** to create an interactive UI.
- Facilitated the onboarding of **50 individuals** into the club by creating promotional content for the Instagram page and optimizing the website's registration platform.

Software Developer Freelance

Apptom Electronics Pvt. Ltd.

Jun. 2023 – Sep. 2023

Remote

- Developed frontend and implemented backend API for chat application, seamlessly integrating with **Socket.io, Express.js, Moment.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.