

Arshvir Mundi

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TECHNICAL SKILLS

- Programming Languages - C, Java, Python, JavaScript, HTML, CSS
- Web Technologies & Frameworks - React, Next.js, Vue, Nuxt, React Native, Tailwind CSS
- Development Tools & Databases - Firebase, MySQL, MongoDB, Figma, Manim, Git/GitLab

PERSONAL PROJECTS

Torial: Explainer Video Platform https://torial-explainer-video.vercel.app	May 2025 - Jan 2026
<ul style="list-style-type: none">• Converts user's prompt into an engaging video explanation in seconds• Validates user input, generates Manim code with Claude, renders the video on Google Cloud, stores results in Firestore• Acquired by a YC-backed EdTech company	
Nodsgy: Document-to-speech Tool https://nodsgy-audio.vercel.app	Aug 2024 - Jan 2025
<ul style="list-style-type: none">• Converts documents into AI-generated audio explanations using OpenAI's TTS API• Includes playback controls, summary points, user authentication with Firebase, and Stripe payment integration• 5,000+ audio explanations created with 300 signups	
Academates: Homework Help Forum https://academates.netlify.app	Sept 2023 - April 2024
<ul style="list-style-type: none">• A site where students could ask/answer questions regarding their homework - used with React and CSS for the UI• It consisted of subject focused forums, lazy scrolling, and a real time chat functionality using Firebase's Firestore	
Streamerloot: Gaming Equipment Store https://streamerloot.netlify.app	Jun 2022 - Sept 2022
<ul style="list-style-type: none">• An e-commerce website showcasing gaming equipment used by popular streamers• Built with HTML, CSS, Bootstrap, and JavaScript featuring individual streamer pages and product displays	

WORK EXPERIENCE

ESG Tree <i>Software Engineering Intern</i>	June 2024 - Aug 2024
	Waterloo, ON

• Developed a Carbon Calculator using React, CSS, and Firebase while taking ownership of diverse challenges

• Implemented APIs for the web application and generated test data using Python which came in use during testing

• Demonstrated strong team collaboration, punctuality, and consideration during team meetings

EDUCATION

University of Guelph Bachelor of Computing, Software Engineering (Co-op)	Sept 2024 - Present
	Guelph, ON

- Completing a minor in Business
- Executive at Guelph Sikh Student Association

Key Academic Projects:

- CLI Musical Playlist Manager (2024): Built a command-line program using C to add, remove, and organize songs in playlists using dynamic memory and file operations to save playlist data between sessions
- Statistics Canada Population Data Analysis (2025): Worked with team of 4 to create Python program that finds patterns in population data with the help of Python libraries to show connections between family size and education levels

EXTRA-CURRICULAR EXPERIENCES

Guelph Punjabi Association <i>Event Co-ordinator</i>	Jan 2025 - Present
	Guelph, ON

- Help organize cultural events and activities for Punjabi students on campus
- Work with team to plan community gatherings and promote cultural awareness

JamHacks <i>Logistics Executive</i>	Sept 2023 - June 2024
	Waterloo, ON

- Co-ordinated merchandise orders by communicating with vendors to ensure proper delivery of required items
- Served as a mentor, offering guidance and support to students by answering general questions, providing assistance in web development and other programming related questions