

# Arshvir Mundi

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## TECHNICAL SKILLS

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

## PERSONAL PROJECTS

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

## WORK EXPERIENCE

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<b>ESG Tree</b> <i>Software Engineering Intern</i>	<b>June 2024 - Aug 2024</b>
	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

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<b>University of Guelph</b> Bachelor of Computing, Software Engineering (Co-op)	<b>Sept 2024 - Present</b>
	Waterloo, ON
<ul style="list-style-type: none"><li>• Completing a minor in Business</li><li>• Executive at Guelph Sikh Student Association</li></ul>	

**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

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<b>Guelph Punjabi Association</b> <i>Event Co-ordinator</i>	<b>Jan 2025 - Present</b>
	Guelph, ON
<ul style="list-style-type: none"><li>• Help organize cultural events and activities for Punjabi students on campus</li><li>• Work with team to plan community gatherings and promote cultural awareness</li></ul>	
<b>JamHacks</b> <i>Logistics Executive</i>	<b>Sept 2023 - June 2024</b>
	Waterloo, ON
<ul style="list-style-type: none"><li>• Co-ordinated merchandise orders by communicating with vendors to ensure proper delivery of required items</li><li>• Served as a mentor, offering guidance and support to students by answering general questions, providing assistance in web development and other programming related questions</li></ul>	