

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
- Development Tools & Databases - Firebase, PostgreSQL, Supabase, MongoDB, Figma, Manim, Git/Github

PERSONAL PROJECTS

Torial: Explainer Video Platform https://torial-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 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
<ul style="list-style-type: none">• 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
	Waterloo, ON
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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	