

Muzammil Shanjer

Software Developer

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SKILLS	Programming Languages: C, C++, Java, Python, JavaScript, Typescript, Go Libraries / Frameworks: React, Next.js, Tailwind CSS, Bootstrap, Scikit Learn, NumPy Other: Git (GitHub, GitLab), Unix Tools, Bash, PostgreSQL, RESTful APIs, Supabase
PROJECTS	Personal Website – <i>Typescript, Next.js, Tailwind CSS, Figma, Vercel</i> <ul style="list-style-type: none">Designed a dynamic and interactive user interface in Figma and converted to code using Typescript, Next.js, and Tailwind CSS creating a seamless and engaging web experienceBuilt and deployed project via Github and Vercel Watch Marketplace E-Commerce Platform – <i>Typescript, Next.js, Tailwind CSS, Figma, Supabase, Stripe</i> <ul style="list-style-type: none">Crafted a seamless and engaging user experience through intuitive UI/UX design in FigmaDeveloped a responsive, feature-rich frontend using TypeScript, Next.js, and Tailwind CSS, translating Figma designs into functional codeEngineered a robust backend with PostgreSQL, integrating Supabase for secure user authentication and real-time tracking of listings and cart activity.Implemented secure Stripe payment processing, enabling full-fledged e-commerce transactions and creating an application ready for commercial deployment. DaySnap Android App – <i>React Native</i> <ul style="list-style-type: none">Engineered "DaySnap," a React Native mobile application, that enables users to organize and access photos by date through an intuitive calendar interfaceImplemented a journaling functionality that allows users to caption their daily images or create text-only journal entries on days they didn't feel like taking a photoImplemented AI-powered image tagging and search functionality, enhancing photo discovery and user engagement.Developed a "Memory Lane" feature, creating automated daily and weekly photo recaps, improving user experience and content recall.Optimized application performance for various mobile devices, ensuring a smooth and responsive user experience.
EXPERIENCE	Software Engineer AI Training – <i>Scale AI</i> May 2024 – August 2024
	<ul style="list-style-type: none">Evaluated API tool use by Large Language Models (LLMs) across a broad range of user prompts and model responsesAnalyzed code generated by LLMs and associated user prompts to assess intent, verify output accuracy, and correct errors as neededGuided RLHF training for several AI Models at varying stages of capabilityEngineered prompts to systematically expose model weaknesses, enhancing targeted training data for error reduction and performance improvementPerformed side-by-side evaluation and ranking of model responses to assess adherence to prompt constraints, code executability, and correctnessCollaborated in writing clear, high-quality justifications for model response improvements, providing detailed feedback for iterative learning
EDUCATION	University of Toronto – <i>Bachelor of Computer Science</i> Sept 2021 – Expected Graduation: June 2026
	<ul style="list-style-type: none">Relevant Courses: Data Structures and Analysis, Software Design, Systems Programming, Algorithm Design and Analysis, Machine Learning, Linear Algebra, Discrete Mathematics, Multi Variable Calculus, Probability and Statistics
VOLUNTEER	Blood and Cancer Medical Care – <i>Patient Records Coordinator</i> Feb 2019 – Apr 2019
	<ul style="list-style-type: none">Diligently managed patient information and entry history using Excel spreadsheetsFacilitated smooth communication within the clinic by maintaining up-to-date records
	Bluevale Collegiate Institute – <i>Electric Car Club Member</i> Oct 2019 – May 2021
	<ul style="list-style-type: none">Successfully managed the project timelines, fostering teamwork and showcasing organizational skillsCreated multiple prototypes to demonstrate the car designs proposed