

Krish Krish

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EXPERIENCE

Software Developer

July 2021 – Present

Synergy Machines LLC - Full Time/Part Time

Remotely from Kitchener, ON

- Extracted insights from data by creating simple, analytical and visual dashboards using React + NextJS with Typescript.
- Processed and imported unstructured corporate and retail ESG data into PostgreSQL SQL databases.
- Created proof of concept RESTful APIs using Java Spring.

VP of Technical

July 2022 – Present

DeltaHacks

Hamilton, ON

- Optimized costs and simplified development by using tools such as Netlify, Firebase and CockroachDB.
- Managed a team of developers to create a new hackathon registrant portal.
- Mentored a team to write performant and organized code in React + NextJS and React + Vite.
- Communicated with other teams to fulfill technical requirements to plan for the event.

EDUCATION

McMaster University

Hamilton, ON

B.A.Sc. Computer Science - GPA 4.0

Expected Graduation April 2025

Certified Associate Cloud Engineer

June 2022

Google Cloud Platform

PROJECTS

DeltaHacks Portal - A Hackathon Attendee Management Portal

August 2022 - Present

NextJS, React, Netlify, Typescript, Postgres, OAuth, Github

- Designed and programmed frontend pages using React in NextJS.
- Setup a typesafe backend using Typescript and TRPC.
- Used Next-Auth to secure the application with various OAuth providers.
- Collaborated on code with a team using Git, Github and Figma.

Bat - A Discord Bot

January 2020 - September 2022

Python, asyncio, aiohttp, Pillow, discord.py

- Generated images on demand using Pillow, an imaging library for Python.
- Utilized the asynchronous programming model with aiohttp and discord.py libraries.
- Hosted and scaled the bot to store and serve player statistics about a video game to over 100,000 users.

GradEaze - A Student Assessment App

May 2020 - November 2020

Python, Qt Framework, Jinja, PyInstaller, Figma

- Designed a simple yet functional UI using Figma with several revisions from feedback collection.
- Created a desktop application using the Python bindings for the Qt framework.
- Packaged the application into executables using PyInstaller to distribute to users.

HACKATHON PROJECTS

StockPile - A paper trading simulator with a goal to teach

January 2022

React, Javascript, Google Cloud

- Winner of **MLH Best Use of Google Cloud Award**.
- A full stack mobile PWA prototype with high scalability using Google's Cloud Services.

HackDex - An online hackathon mentorship platform

February 2022

React, React Router, Javascript, NodeJS, Firebase, Google Cloud

- Winner of **Audience Choice Award** and **Dream Big and Create More Awards**
- Built a performant prototype using React and a NodeJS backend that integrated Discord OAuth flow.

TECHNICAL SKILLS

Languages: Python, Javascript, Typescript, CSS, Java, Rust, SQL

Libraries/Frameworks: React, Astro, NextJS, Vite, Flask, Qt - PySide, Tailwind, TRPC, Prisma, SQLAlchemy

Tools: Google Cloud, Docker, Linux, Git, GitHub, Figma, Jenkins