

Krish Krish

hello@krishkrish.com | GitHub: [Krish120003](#) | LinkedIn: [linkedin.com/in/krish-krish](#)

EXPERIENCE

VP of Technical

July 2022 – Present

DeltaHacks

Hamilton, ON

- Optimized costs and simplified development by using tools such as **Netlify**, **CockroachDB** and **GitHub**.
- Managed a team of **6+** developers to create a new hackathon registrant portal.
- Pioneered the team towards writing performant and organized code in **NextJS** and **React**.
- Communicated with **4 other teams** to fulfill technical requirements to plan for the event.

Software Developer

July 2021 – December 2022

Synergy Machines LLC - Full Time/Part Time

Remotely from Kitchener, ON

- Extracted insights from data and created, visualizing analytics dashboards using **React + NextJS with Typescript**.
- Imported unstructured corporate and retail ESG data from **7** individual datasets into **PostgreSQL** SQL databases.
- Managed and restructured a WordPress/PHP website.
- Used Apache Jena to store and research semantic data as a graph database.

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 4 OAuth providers.
- Collaborated on code with a team of 6 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

- Gathered insights from 10+ high school teachers to understand their expectations for a "modern mark-book".
- Designed a simple yet functional UI using Figma with several revisions from feedback collection.
- Created a desktop application MVP within 2 months using the Python bindings for the Qt framework.
- Packaged the application into executables using PyInstaller to distribute to beta users for testing.

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, C/C++

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

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