

Krish Krish

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EXPERIENCE

Technical Vice President

July 2022 – Present

DeltaHacks

Hamilton, ON

- Led development of a custom hackathon platform utilized by over **600 participants and 100 volunteers**.
- Managed a team of **12 developers** and organized and planned development within a given timeline.
- Pioneered the team towards writing performant and organized code in NextJS and React, resulting in a **perfect Google Lighthouse score** and a fast response time.
- Communicated with **6 teams** in various fields to fulfill design, and technical requirements to create the best possible product.

Software Developer

July 2021 – December 2022

Synergy Machines LLC

Remote

- Extracted insights from data and built an analytics dashboards using React + NextJS with Typescript to provide quick and concise **summaries of realtime data** for stakeholders.
- Imported ESG data from **7 unique datasets** into PostgreSQL databases for **analysis and feature extraction**.
- Securely exposed data with APIs made using Java Spring Boot to customer-facing web applications.
- Collaborated 20 other developers and managers within an **Agile work environment** over 4 separate projects.

EDUCATION

McMaster University

2021 - 2025

B.A.Sc. Computer Science - GPA 4.0

Hamilton, ON

- Excelled in courses such as Data Structures and Algorithms, Software Development, and Principles of Programming.
- Teaching assistant for Introduction to Programming course

Certified Associate Cloud Engineer

June 2022

Google Cloud Platform

PROJECTS

DeltaHacks Portal

August 2022 - Present

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

- Designed and programmed mobile-responsive frontend pages using React in NextJS.
- Led development of a typesafe backend using Typescript, tRPC, and Next-Auth for security.
- Collaborated and directed a team of 12 programmers using Git, Github and Figma within Agile work conditions.
- Guided technical executives through linking React with backend components with Typesafety as a focal point.
- Explored usage of Natural Language Processing models from HuggingFace to build automate application reviews.

Bat - A Discord Bot

January 2020 - September 2022

Python, asyncio, aiohttp, Pillow, discord.py

- Generated images on demand using Pillow and Utilized the asynchronous programming model with aiohttp and discord.py libraries for optimized user experience.
- Hosted and scaled the bot to store and serve player game statistics to over **100,000 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.
- Implemented a plan for Google's ML APIs to analyze stock data and provide insights to users, and Google's Recommendation AI to provide personalized news sources and educational content.

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, HTML, CSS, Java, Rust, SQL, C/C++

Libraries/Frameworks: Flask, React, NextJS, Numpy, Tailwind CSS, Pandas, HuggingFace Transformers

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