Krish Krish

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EXPERIENCE

Software Developer   July 2021 – Present
Synergy Machines LLC   *Remotely from Kitchener, ON*
- Created several analytical dashboards using React + NextJS with Typescript.
- Processed and imported data from various formats into PostgreSQL SQL databases.
- Used Apache Jena to store and research semantic data as a graph database.
- Created proof of concept RESTful APIs using Java Spring.

VP of Technical   July 2022 – Present
DeltaHacks   *Hamilton, ON*
- Led development of web applications using React + NextJS and React + Vite.
- Used DevEx tools such as Netlify, Firebase, Hosted CockroachDB to optimize costs and development cycle.
- Managed a team of developers to create a new hackathon registrant portal.
- Communicated with other teams to fullfill technical requirements to plan for the event.

EDUCATION

McMaster University   Hamilton, ON
B.A.Sc. Computer Science   *Expected Graduation April 2025*
Certified Associate Cloud Engineer   June 2022
Google Cloud Platform

PROJECTS

DeltaHacks Portal - A Hackathon Attendee Management Portal   August 2022 - Present
Next.JS, React, Netlify, Typescript, Postgres, OAuth, Github
- Designed and programmed frontend pages using React in Next.JS.
- 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.
- Used 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.
- Created a desktop application using the Python bindings for the Qt framework.
- Packaged the application into executables using PyInstaller.

TECHNICAL SKILLS

Languages: Python, Javascript, Typescript, Java
Frameworks: React, NextJS, Vite, Flask, Qt - PySide
Tools: Google Cloud, Docker, Figma