

Krish Krish

krish120003@gmail.com | linkedin.com/in/krish-krish | github.com/Krish120003 | krishkrish.com

EXPERIENCE

AI & Data Engineering Intern

May 2024 - Present

Bell Canada

Toronto, ON

- Automating customer support training using LLMs, saving **10,000+ hours** and millions in training costs each year
- Building a robust pipeline to extract structured responses from LLMs, significantly improving accuracy and efficiency
- Implementing full stack applications using **React, NextJS, Python, and Google Cloud**

Teaching Assistant

January 2023 - April 2024

McMaster University

Hamilton, ON

- Optimized grading process for **2000+ assignment submissions** by developing auto-grading software using Python
- Conducted live classroom instruction, delivering clear explanations on various Python programming concepts

Junior Software Developer

July 2021 - December 2022

Synergy Machines LLC

Remote

- Engineered **dynamic dashboard builder** in React, empowering users to create custom real-time visualizations
- Optimized ESG data processing pipeline, handling **millions of data points** via PostgreSQL and Java Spring APIs

PASSION PROJECTS

DeltaHacks Hackathon Platform | *React, Next.js, tRPC, Tailwind CSS, Prisma, Git*

July 2022 – Present

- Built a custom, full-stack hackathon platform from scratch, empowering **1650+ users** with seamless event management, with the first version in production in just 3 months.
- Engineered robust internal tools: **role-based administration** for reviewing **2000+ applications**, **dynamic QR code system** for id verification and meal tracking, etc. to used by event and sponsorship teams.
- Enhanced participant experience with a **mobile-first responsive frontend** and brand new landing pages, featuring interactive live schedule and real-time updates.

JSON Parser in Rust | *Rust, JSON, Parsing, AST, Trees*

June 2024

A hand-written JSON parser in Rust in under 500 lines of code, parsing JSON source from a string and constructing objects in memory. Accompanied by a blog post at <https://krishkrish.com/blog/json-parser-in-rust>.

Bat - Clash of Clans Player Stats | *Python, Pillow, Data Visualization*

January 2020 – September 2022

Developed and scaled a Discord bot to store and serve player game statistics for over **100,000+ users**. Generated thousands of on-demand images using Pillow for performance visualization, and collected millions of data points on player trophies for comprehensive progress tracking.

HACKATHONS

Integrity - Hackathon Plagiarism Checker | *Python, Streamlit, Data Analysis*

HawkHacks - May 2024

Built with **Python, Streamlit and LLMs**, this tool quickly scans all projects submitted to a hackathon for suspicious markers for **automated cheating detection**.

River - RSVP Platform | *Next.js, Prisma, NextAuth.js, tRPC*

Hack the Hill - March 2023

An Event/RSVP app with a sleek, fast interface optimized page **load times to under 100ms**. Showcased expertise in modern web technologies and user-centric design.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, C/C++, SQL, HTML/CSS, Rust

Libraries/Frameworks: React.js, Next.js, Node.js, Flask, FastAPI, Pydantic, SQLAlchemy

Tools: Linux, Git, GitHub, Docker, Google Cloud Platform, DBeaver

EDUCATION

McMaster University

Hamilton, ON

Bachelor of Science in Computer Science — GPA: 4.0

Sept. 2021 - Apr. 2026