

Krish Chaudhari

Toronto ON | 647-920-9255 | krish.chaudhari@torontomu.ca | linkedin.com/krishcc | github.com/Krish-Chaudhari

Education

Toronto Metropolitan University

Sept 2023 – June 2027

Bachelor of Science in Computer Science Co-op

Toronto, ON

- cGPA: 3.79
- Awards: Geoff Boyes International Entrance Scholarship (Highest Incoming GPA), Dean's List (2023-2025)
- Relevant Coursework: Data Structure and Algorithm, Software Engineering, Operating System

Projects

Cypress – Civic Issue Reporting System | *JavaScript, HTML/CSS, Mapbox API*

Mar 2025 - April 2025

- Developed an interactive map-based civic issue reporting system using JavaScript and Mapbox API, enabling geolocation tagging and structured problem submissions.
- Implemented duplicate detection and user notification features, enhancing data accuracy and transparency in the issue resolution process.

Polarity Placement Puzzle Solver | *Haskell, Rust*

Feb 2025 - April 2025

- Engineered a constraint-based solver for a 2D magnetic puzzle, ensuring valid placement of bar magnets under polarity, adjacency, and orientation rules.
- Implemented recursive backtracking with constraint pruning in Haskell and Rust to efficiently generate valid board configurations for varying puzzle sizes.

Global Temperature Data Analysis and Visualization Project | *C, GNU Plot, CSV*

Mar 2024 - April 2024

- Designed and implemented a data processing system to analyze global weather data from 1760 to 2015, utilizing C with arrays, hash tables, and algorithms for efficient data handling and calculations.
- Imported, cleaned, and processed CSV data containing land and ocean temperatures into C, automating the data ingestion process, ensuring accuracy and preventing manual data entry errors.

Portfolio Website | *JavaScript, HTML/CSS*

Dec 2023 – Feb 2024

- Designed the website layout with HTML5 and CSS3, ensuring a responsive and accessible user experience across desktops, tablets, and mobile devices.
- Integrated interactive JavaScript elements such as a dynamic project gallery, contact form, and real-time notifications to enhance user engagement.

Experience

COOP/ Development Student

September 2025 – April 2026

OPG(Ontario Power Generation)

Pickering, ON

- Supported the Corrective Action Program (CAP) by gathering, analyzing, and visualizing operational data using Excel, Power BI, and SQL to identify trends and address adverse conditions, improving plant safety and efficiency.
- Developed interactive dashboards and reports to communicate performance metrics, collaborating with the Performance Improvement team to drive data-driven process improvements.

Junior Software Developer Intern

Sept 2022 – Aug 2023

Tech Solutions

Gujarat, India

- Learned Python and Django to develop RESTful APIs, implemented JWT authentication, and optimized PostgreSQL queries, reducing API response times by 20%.
- Worked with Docker to set up containerized environments, collaborated in an Agile team, and used Git/GitHub for version control while debugging and optimizing code for scalability.

Technical Skills

Languages: Python, Java, C/C++, SQL, NoSQL (MongoDB), JavaScript, HTML/CSS, Rust, Haskell, R

Libraries/Frameworks: TypeScript, React, Bootstrap, Django, WordPress, NumPy, Pandas, SciPy, Polars

Developer Tools: VSCode, Spyder, PyCharm, Jupiter, Eclipse, Visual Studio

Other Skills: Excel, PowerPoint, Word, Power BI, Tableau, Google Workspace, LaTeX, Git, Jira