



github.com/kunalpanda

Kunal Pandya

+1 (647) 551 - 0061 | Kunal.pandya2@ontariotechu.net



linkedin.com/in/kunal-pandya

PROFESSIONAL SUMMARY

Dedicated Software Engineering Student with experience automating workflows and designing databases as an Information Technology Co-op Student in Vale. Adept in Back-end and object-oriented programming. Eager to learn more about scalable, industry-standard cloud-based programming with possible implementations of AI.

SKILLS

- | | | |
|---|--|--|
| ▶ Object Oriented Programming. | ▶ Java Development. | ▶ C/C++ Programming. |
| ▶ API based development. | ▶ Linux Based Development | ▶ Embedded Systems Programming. |
| ▶ Python, TensorFlow. | ▶ Shell scripting. | ▶ CAD with Solidworks and NX. |
| ▶ Excellent Leadership Skills. | ▶ MS SharePoint & Office tools | ▶ MS Power Automate & Power Apps. |
| ▶ HTML, CSS, Tailwind, JavaScript, Next.js, Typescript, PHP, MySQL. | ▶ Implementation of Design Patterns with SOLID principles. | ▶ Development with Data Structures and Algorithms. |

PROFESSIONAL EXPERIENCE

Vale

June 2023 - Sept 2023

Information Technology Co-op

- Demonstrate problem-solving skills by implementing automation for data update processes, enhancing efficiency, and ensuring real-time access to critical metrics within the Project Controls Department.
- Showcase adaptability and technical expertise by designing and maintaining an internal SharePoint website, streamlining operations, and facilitating efficient information management for the Project Controls team.

Ultimate Coders

Sept 2020 - Present

Programming Tutor

- Demonstrate effective communication and collaboration skills by customizing the curriculum for each student in conjunction with other tutors.
- Display leadership and adaptability by teaching students of a vast age group in various programming languages.
- Exhibit dependability by taking over classes for other tutors in cases of emergencies and cancellations.

PROJECTS

K-Means-Clustering - Data Structures Final Project

- Use object-oriented Java to recreate the basis of the K-means-clustering algorithm used in modern machine learning projects to demonstrate the importance of selecting the optimum data structure for a given problem.

Full Stack Web Development - DBMS Final Project

- Create a freelance website that uses HTML, CSS and JS to provide a responsive frontend supported extensively by PHP with MySQLI for a comprehensive backend that is both vertically and horizontally scalable.

Real-Time Data Telemetry - Ontario Tech Racing

- Use PCAN-Basic, Cantoools, Python-Can, Tkinter and Matplotlib libraries in Python to design a dynamic, dbc-based telemetry interface to display numerous data passed over a Controlled Area Network (CAN) bus.

MICRO CERTIFICATIONS

Introduction to Web Development

Sept 2022

IBM

Introduction to Cloud Computing

Nov 2021

IBM

EDUCATION

Ontario Tech University

May 2025

Bachelor's Of Software Engineering