

Tenzin Kalden

ML Engineer

[GitHub](#)

kaldent2601@gmail.com • 8817299962 • Bengaluru, Karnataka 560100

Summary

As a dedicated Machine Learning Engineer, I effectively leverage my comprehensive background in computer science and engineering to excel in the fields of data analysis and machine learning. My expertise is particularly concentrated on utilizing Python, along with a range of essential data visualization tools, to derive insights and drive informed decision-making.

Skills

Programming Languages	Python, C, JAVA, JavaScript, HTML & CSS
Data Analysis Tools	Pandas, NumPy, Matplotlib, Power BI, RapidMiner
Core Concepts	Data Structures, Algorithms, Database Management Systems, Data Visualization, Data Mining
Soft Skills	Strong analytical thinking, Problem-solving, Curiosity, Continuous learning, Effective communication

Education

B-Tech in Computer Science and Engineering

Dayananda Sagar University, Bengaluru, Karnataka

- Pursuing a B-Tech in Computer Science and Engineering at Dayananda Sagar University with a CGPA of 8.34 up to the 6th semester, reflecting solid academic performance.

Projects

Sheet-mapper

Flask, Pandas

[GitHub](#)

- Developed a Flask-based application to seamlessly read and process data from **Owner Sheet** and **Master Sheet** Excel files. Automated the generation of a new Excel file, ensuring accurate allocation of owners to relevant master sheets.

Generate Random Walked

Python, Matplotlib

[GitHub](#)

- Developed a Python program to **generate** and **visualize** 2D random walks using Matplotlib for enhanced graphical representation. Created the **RandomWalk** class to **construct** paths by taking random steps in both x and y directions, effectively avoiding stationary points.

Alien Invasion

Python, PyGame

[GitHub](#)

- Developed an interactive **2D game** utilizing Python and Pygame, showcasing strong programming skills and creativity in game design. Implemented engaging gameplay mechanics and user interface elements, enhancing player experience and ensuring smooth interactions.

Hotel Management Website

HTML, CSS, PHP

[GitHub](#)

- Developed a comprehensive hotel management website utilizing **XAMPP** as the local server environment, ensuring seamless integration of various web technologies. Engineered the backend functionality using **PHP** to manage user interactions, booking systems, and database operations effectively.

Certifications

Linux Shell Scripting Solutions

01/01/2024

- Completed a comprehensive course on **Linux shell scripting**, gaining proficiency in automating tasks and managing system processes through effective script writing.

Microsoft Power BI Practical

01/12/2024

- Acquired comprehensive knowledge of **Power BI** functionalities through a structured course, enhancing data visualization skills.

